APPENDIX B

DATA REVIEW AND PREPARATION FOR STATISTICAL ANALYSIS

Appendix B.1

Data Quality Assessment and Outlier Detection

Appendix B.1.1

Definitions and Occurrence of Data Qualifier Flags Assigned to Measurements in the TNSSS

Table B-1. Definitions of Data Qualifier Flags Assigned to Measurements in the TNSSS

Qualifier	Definition	Implications
ACAP	Alternate calculations indicate acceptable performance	This flag is applied to any analyte associated with a matrix spike (MS) or matrix spike duplicate (MSD) sample in which the recovery or precision reported by the laboratory was recalculated and found to demonstrate acceptable performance. Section 6.7 of CSC (2007) describes the alternative calculations used to address issues associated with blindly spiking samples for the MS or MSD and the calculation of negative recoveries using the traditional recovery equations in many EPA methods.
B	Analyte reported in the associated method or calibration blank	This flag is applied to any analyte that was found in the associated method or calibration blank. EPA's sampling and analysis contractor (CSC) applies the 5x and 10x rule (described below) to determine the implication of the levels in the blank and samples. If the amount in the sample is at least 10x the blank level, the RNAF flag will also appear, indicating that the sample result was not affected. If the amount in the sample is between 5x and 10x of the blank level, then there is some chance that the sample result is inflated by the lab background that showed up in the blank. In that case, the RMAX flag will appear, indicating that the sample result may be a maximum value due to the blank contribution. Data users should use caution in making decisions about RMAX values. If the amount in the sample is les than 5x the blank amount, the sample result will be reset to a nondetect at its nominal method limit (ML), adjusted for sample size and percent solids, if applicable.
EB	Analyte reported in equipment blank	This flag is applied to any analyte that was found in the associated equipment blank. For the TNSSS, there is less of a direct relationship of equipment blanks and samples and the results for the equipment blank are a worst-case estimate of what might be transferred to the solid sludge sample (not liquids) during sampling. However, CSC believes it is unlikely that transfers of that magnitude occurred. Therefore, CSC applied this flag to any analyte in the sample also found in the equipment blank, but no action is associated with the flag other than directing the user to the study report for a detailed discussion of the equipment blanks.
EMPC	Estimated maximum possible concentration	This flag is used when the laboratory noted the presence of a quantitative interference that affects the determination of the steroid and hormone analytes by GC/HRMS. It occurs when an interference contributes to the response for one or both of the ions monitored for the target analyte. The potential contribution of the interference to the target analyte response cannot be determined, and thus the result for the analyte is estimated.
EXCLUDE	Result excluded from database	This flag is used when the data review process identifies a problem of sufficient magnitude to suggest that no reasonable use can be made of the result. Examples include the failure to recover an analyte at all during a QC test, or the inability to recover a labeled analyte.
HLBL	High labeled compound recovery	This flag only applies to the analyses of PBDEs by the modified EPA Method 1614 that employs isotopically labeled analogs of the target analytes. If the label is recovered above the acceptance limits in the method, then the result for the corresponding native (unlabeled) target analyte will be corrected for too high a recovery, and the reported result is likely to be biased low. If the native (unlabeled) analyte was not detected in a field sample, then there is no concern, and the RNAF qualifier is also applied.
HLCS	High LCS recovery	If recovery in the lab control sample (LCS), a clean matrix, is high, there may be a high bias for that analyte. If the analyte was not detected in a field sample, there is no concern and the RNAF qualifier is applied as well.
HMSR	High MS recovery	High matrix spike (MS) recovery may indicate a positive interference or a high bias. If the analyte was not detected in a field sample, there is no concern and the RNAF qualifier is applied as well.

Table B-1. Definitions of Data Qualifier Flags Assigned to Measurements in the TNSSS (continued)

Qualifier	Definition	Implications
HOPR	High OPR recovery	If recovery in the ongoing precision and recovery sample (OPR), a clean reference matrix, is high, there may be a high bias for that analyte. If the analyte was not detected in a field sample, there is no concern and the RNAF qualifier is applied as well.
HSSR	High surrogate spike recovery	Surrogate recovery above the laboratory's in-house acceptance limits. Gross exceedances suggest a positive interference or "matrix effect." If the analyte was not detected in a field sample, there is no concern and the RNAF qualifier is applied as well. Even for detected analytes, exceedances of a few percent are not a major concern, given that the laboratory limits were not likely developed from the analyses of sludge samples, but from other, more common solid matrices such as soils.
HVER	High verification standard recovery	The results for the calibration verification standard (the "VER") are above the acceptance limit for the analyte, indicating difficulties with the ability to quantify the analyte. If the analyte was not detected in a field sample, there is no concern and the RNAF qualifier is applied as well. If the analyte was detected in a field sample, then there may be a high bias for that analyte.
INSL	Insufficient spike level (applies to matrix spikes or surrogates)	The MS or surrogate spiking compounds were added at a level that was overwhelmed by the native background (for the MS) or the sample required such a large dilution to get native analytes in range that the spike could not be seen.
J	Estimated value	If appearing alone, this flag was applied by the lab to indicate a value below the low point of the calibration range (e.g., the ML), but above the lab's detection limit. The presence of the analyte is not in question, nor the identification, but the amount is an estimate because it is below the demonstrated calibration range. When occurring along with other qualifiers, it indicates the outcome of assessing the combined effects of those qualifiers. Often used in instances where other qualifiers indicate opposite biases, such that the end effect cannot be determined (e.g., low surrogate and high MS recovery). Data users are cautioned that these values are estimates with greater uncertainty than values without the J qualifier.
LINS	Low internal standard recovery	This flag indicates that the internal standard added to the sample extract immediately before analysis was recovered below the acceptance limit, often well below the limit. Such low recoveries suggest a loss of instrument sensitivity. Nondetects in field samples are suspect and detects may have a low bias.
LLBL	Low labeled compound recovery	This flag only applies to the analyses of PBDEs by the modified EPA Method 1614 that employs isotopically labeled analogs of certain target analytes. If the label is recovered below the acceptance limits in the method, then the result for the corresponding native (unlabeled) target analyte will be corrected for too low a recovery, and the reported result is likely to be biased high.
LLCS	Low LCS recovery	If the recovery in the LCS is low, there may be a low bias for that analyte. Nondetects in field samples are suspect and detects may have a low bias.
LMSR	Low MS recovery	Low recovery in the MS indicates a potential low bias for the analyte, possibly due to poor extraction efficiency in the sample matrix. Isolated instances of low recovery are not uncommon, and patterns across multiple MS samples are more of a concern.
LOPR	Low OPR recovery	Some methods use the term "ongoing precision and recovery (OPR)" in place of LCS to describe the same spiked reference matrix sample. If the recovery in the OPR is low, there may be a low bias for that analyte. Nondetects in field samples are suspect and detects may have a low bias.
LSSR	Low surrogate spike recovery	Surrogate recovery below acceptance limits. Gross exceedances suggest a "matrix effect." If extraction efficiency is not sufficient, then all analytes may have a low bias. Exceedances of a few percent are not a major concern, given that the laboratory limits were not likely developed from the analyses of sludge samples, but other, more common solid matrices such as soils.

Table B-1. Definitions of Data Qualifier Flags Assigned to Measurements in the TNSSS (continued)

Qualifier	Definition	Implications
NLBL	No labeled compound recovery	This flag only applies to the analyses of pharmaceuticals, steroids, and hormones that employ isotopically labeled analogs of certain targeted analytes. Failure to recover a labeled compound from the sample indicates a severe analytical problem and the results for all pharmaceuticals, steroids, and hormones in that sample associated with the labeled compound will be excluded from the database.
NMSR	No matrix spike recovery	Matrix spike recovery reported by the laboratory was zero (0) or a negative number. In these cases, an alternative calculation of recovery was made as described in Section 6.7 of CSC (2007). If that recalculation indicated acceptable performance of the method in the matrix, then the ACAP qualifier is also applied.
NNRO	No OPR recovery	Some methods use the term "ongoing precision and recovery (OPR)" in place of LCS to describe the same spiked reference matrix sample. Failure to recover the native analyte from the OPR indicates a severe analytical problem and the results for this analyte in all samples associated with that OPR will be excluded from the database.
REXC	Result exceeds calibration range	This flag was applied to PBDE data when the reported result exceeded the instrument calibration range, but the laboratory noted that it did not saturate the detector. Results above the demonstrated calibration range may have greater uncertainty associated with the numerical value, but given the relatively high levels of PBDEs in many samples, the laboratory was permitted to report such values to limit the number of dilutions required to a manageable level.
RMAX	Result is a maximum	This flag is applied when other qualifiers indicate a positive bias, such as method blank contamination. Data users should consider these values as upper limits of the actual concentration.
RNAF	Result not affected	Sample results are not adversely affected, given the overall assessment of all qualifiers applied. Common examples include analytes not found in the sample, but found in the associated blank or with high recovery in the associated matrix spike.
RNON	Result converted to non-detect	This flag is applied when CSC converts the original sample result to a nondetect because of significant data quality issues, such as high blank levels or no recovery of matrix spike compounds. Will always appear with other qualifiers that indicate the cause. In converting the result, the original value in the "amount" field will be removed and the reporting limit field will be populated instead, as these two fields are mutually exclusive.
RPDX	Percent RPD between the MS and MSD exceeds criteria	The precision of the recoveries in the MS and MSD analyses exceeds the acceptance limits. May be due to a failure in one of the two analyses, and is often the result of a positive interference in one of the two. The poor precision may be due to sample nonhomogeneity, or it may be an analytical issue. While data users should be aware of the issue, it is not a major data quality concern.
SSDL	Surrogate recovery affected by dilution	The sample extract had to be diluted to overcome interferences or to get one or more targeted analytes within the calibration range. When large dilution is necessary, it may dilute out the surrogate to the point that it either cannot be seen, or its recovery cannot be accurately measured (e.g., peak is there, but too small). If this flag appears without any other qualifier (such as J), then there was a less dilute analysis in which the surrogate recovery was determined.

Table B-2. Frequency of Data Qualifier Combinations Assigned to Samples for Analytes Subject to In-Depth Statistical Analysis

Analyte	Data Qualifier Combination	# Samples (Percent of 84 total samples)
Metals		
Barium	EB, RNAF	64 (76.2)
	EB, RNAF, LMSR	1 (1.2)
	RPDX	2 (2.4)
Beryllium	RPDX	1 (1.2)
Manganese	B, RNAF, HMSR, INSL, RNAF	1 (1.2)
	EB, RNAF	52 (61.9)
	EB, RNAF, LMSR, INSL, RNAF	13 (15.5)
	LMSR, INSL, RNAF	2 (2.4)
	RPDX	1 (1.2)
Molybdenum	B, RNAF	50 (59.5)
	LMSR, RPDX	1 (1.2)
	RPDX	2 (2.4)
Silver	B, RNAF, LMSR	17 (20.2)
	B, RNAF, RPDX	1 (1.2)
	LMSR	2 (2.4)
	LMSR, RPDX	20 (23.8)
Organics		
4-Chloroaniline	HLCS	5 (6.0)
	HLCS, HSSR	2 (2.4)
	HMSR, INSL, RNAF, HSSR	1 (1.2)
	HMSR, INSL, HSSR	1 (1.2)
	HSSR	32 (38.1)
	HSSR, RNAF	4 (4.8)
	HSSR, LMSR, INSL	1 (1.2)
	HSSR, LMSR, INSL, RNAF	1 (1.2)
	J	2 (2.4)
	J, LMSR, INSL	1 (1.2)
	LMSR, INSL, RNAF	7 (8.3)
	LMSR, INSL, RNAF, SSDL	1 (1.2)
	LSSR	7 (8.3)
	SSDL, RNAF	4 (4.8)
Fluoranthene	HMSR	2 (2.4)
	HMSR, HSSR	1 (1.2)
	HMSR, RPDX	2 (2.4)
	HMSR, RPDX, RNAF	1 (1.2)
	HSSR	35 (41.7)
	HSSR, LMSR, INSL	2 (2.4)
	J	2 (2.4)
	J, HMSR	3 (3.6)
	J, HMSR, HSSR	1 (1.2)
	J, HSSR	2 (2.4)
	J, LMSR, INSL	3 (3.6)
	J, LSSR	2 (2.4)
	J, SSDL	1 (1.2)
	LMSR, INSL, RNAF	5 (6.0)
	LMSR, INSL, RNAF, SSDL	1 (1.2)
	LSSR	4 (4.8)
	SSDL, RNAF	4 (4.8)

Table B-2. Frequency of Data Qualifier Combinations Assigned to Samples for Analytes Subject to In-Depth Statistical Analysis (continued)

Analyte	Data Qualifier Combination	# Samples (Percent of 84 total samples)
Pyrene	HLCS, HMSR	2 (2.4)
	HLCS, HMSR, RNAF	3 (3.6)
	HLCS, HMSR, HSSR	1 (1.2)
	HLCS, HMSR, HSSR, RNAF	1 (1.2)
	HMSR, RPDX	2 (2.4)
	HMSR, RPDX, RNAF	1 (1.2)
	HSSR	32 (38.1)
	HSSR, RNAF	2 (2.4)
	HSSR, LMSR, INSL	2 (2.4)
	J	2 (2.4)
	J, HSSR	1 (1.2)
	J, LLCS	1 (1.2)
	J, LLCS, LSSR	1 (1.2)
	J, LLCS, SSDL	1 (1.2)
	J, LMSR, INSL	3 (3.6)
	LLCS, LSSR	2 (2.4)
	LLCS, SSDL	2 (2.4)
	LMSR, INSL, RNAF	5 (6.0)
	LMSR, INSL, RNAF, SSDL	1 (1.2)
	LSSR	3 (3.6)
	SSDL, RNAF	4 (4.8)
Classicals		
Nitrate/Nitrite	EB, RNAF	31 (36.9)
PBDEs		
BDE 47	HLCS	1 (1.2)
	HLCS, HMSR, ACAP, REXC	1 (1.2)
	HLCS, NMSR, INSL, RNAF, ACAP, REXC	23 (27.4)
	HLCS, REXC	32 (38.1)
	HMSR, ACAP	1 (1.2)
	HMSR, ACAP, REXC	8 (9.5)
	REXC	18 (21.4)
BDE 99	HLBL, HLCS, REXC	1 (1.2)
	HLCS	1 (1.2)
	HLCS, HMSR, ACAP, REXC	1 (1.2)
	HLCS, LLBL, REXC	1 (1.2)
	HLCS, NMSR, INSL, RNAF, ACAP	1 (1.2)
	HLCS, NMSR, INSL, RNAF, ACAP, REXC	22 (26.2)
	HLCS, REXC	30 (35.7)
	HMSR, ACAP	1 (1.2)
	HMSR, ACAP, REXC	8 (9.5)
	REXC	18 (21.4)
BDE 153	B, RNAF, NMSR, INSL, RNAF, ACAP	3 (3.6)
	B, RNAF, NMSR, INSL, RNAF, ACAP, REXC	1 (1.2)
	HLBL	3 (3.6)
	HMSR, ACAP	9 (10.7)
	HMSR, ACAP, REXC	1 (1.2)
	LLBL	1 (1.2)
	LMSR, ACAP	5 (6.0)
	LMSR, ACAP, REXC	3 (3.6)
	NMSR, INSL, RNAF, ACAP	1 (1.2)
	REXC	3 (3.6)

Table B-2. Frequency of Data Qualifier Combinations Assigned to Samples for Analytes Subject to In-Depth Statistical Analysis (continued)

Analyte	Data Qualifier Combination	# Samples (Percent of 84 total samples)
BDE 209	B, RNAF, HLCS, HLBL, NMSR, INSL, RNAF, ACAP, REXC	2 (2.4)
	B, RNAF, HLCS, NMSR, INSL, RNAF, ACAP, REXC	2 (2.4)
	HLBL	6 (7.1)
	HLBL, HLCS, REXC	6 (7.1)
	HLBL, HMSR, ACAP, REXC	5 (6.0)
	HLBL, NMSR, INSL, RNAF, ACAP, REXC	1 (1.2)
	HLBL, REXC	14 (16.7)
	HLCS	3 (3.6)
	HLCS, HLBL, HMSR, ACAP, REXC	1 (1.2)
	HLCS, REXC	8 (9.5)
	HMSR, ACAP	2 (2.4)
	HMSR, ACAP, REXC	12 (14.3)
	HMSR, RNAF	1 (1.2)
	HMSR, REXC	7 (8.3)
	REXC	9 (10.7)
Pharmaceuticals		
4-Epitetracycline (ETC)	HLBL	6 (7.1)
Azithromycin	HLBL	1 (1.2)
	LLBL, LOPR	9 (10.7)
	LOPR	52 (61.9)
	LOPR, LLBL	2 (2.4)
Carbamazepine	HLBL	1 (1.2)
	HOPR	21 (25.0)
	HOPR, RNAF	2 (2.4)
	LLBL	10 (11.9)
	LLBL, HOPR	1 (1.2)
Cimetidine	LLBL	50 (59.5)
	NLBL, EXCLUDE	1 (1.2)
Ciprofloxacin	HLBL	4 (4.8)
	LLBL	7 (8.3)
Diphenhydramine	HLBL	1 (1.2)
	HOPR	12 (14.3)
	LLBL	11 (13.1)
Doxycycline	HLBL	6 (7.1)
Erythromycine-total	LLBL	17 (20.2)
Miconazole	HOPR	10 (11.9)
	HOPR, RNAF	2 (2.4)
	HVER, RNAF	9 (10.7)
	HVER, RNAF, HLBL	1 (1.2)
	LLBL	11 (13.1)
Ofloxacin	HLBL	2 (2.4)
	HOPR	42 (50.0)
	HOPR, HLBL	3 (3.6)
	HOPR, LLBL	2 (2.4)
	LLBL	1 (1.2)
	LLBL, HOPR	4 (4.8)
Tetracycline (TC)	HLBL	6 (7.1)
	HOPR	8 (9.5)
	HOPR, RNAF	1 (1.2)
Triclocarban	LLBL	2 (2.4)
Triclosan	LLBL	1 (1.2)

Table B-2. Frequency of Data Qualifier Combinations Assigned to Samples for Analytes Subject to In-Depth Statistical Analysis (continued)

Analyte	Data Qualifier Combination	# Samples (Percent of 84 total samples)
Steroids and Hormones		
Beta Stigmastanol	EMPC	1 (1.2)
	EMPC, LLBL	2 (2.4)
	HLBL	12 (14.3)
	LLBL	2 (2.4)
Campesterol	EMPC	39 (46.4)
	EMPC, HLBL	3 (3.6)
	EMPC, LLBL	8 (9.5)
	HLBL	3 (3.6)
	LLBL	1 (1.2)
Cholestanol	HLBL	4 (4.8)
	LLBL	9 (10.7)
Cholesterol	B, RMAX	2 (2.4)
	B, RNAF	16 (19.0)
	B, RNAF, HLBL	1 (1.2)
	B, RNON	2 (2.4)
	B, RNON, LLBL	1 (1.2)
	HLBL	5 (6.0)
	LLBL	8 (9.5)
Coprostanol	HLBL	3 (3.6)
	LLBL	10 (11.9)
Epicoprostanol	HLBL	8 (9.5)
	LLBL	8 (9.5)
Stigmasterol	B, RMAX	3 (3.6)
	B, RNAF	23 (27.4)
	B, RNAF, EMPC	5 (6.0)
	B, RNAF, EMPC, HVER, RNAF	1 (1.2)
	B, RNAF, HLBL	1 (1.2)
	B, RNAF, HOPR	5 (6.0)
	B, RNAF, HVER, RNAF	1 (1.2)
	B, RNON	1 (1.2)
	B, RNON, HOPR	6 (7.1)
	B, RNON, HOPR, LLBL	1 (1.2)
	EMPC	3 (3.6)
	EMPC, LLBL	1 (1.2)
	HLBL	2 (2.4)
	LLBL	8 (9.5)

Appendix B.1.2

Results of Outlier Tests

Table B-3. Listing of Detected Measurements Labeled as Statistical Outliers by One or More of the Tests Described in Section 4.3.1, for Analytes Subject to In-Depth Statistical Analysis

Analyte	Plant ID	Flow Group	Sample ID	Data Qualifiers Assigned?[1]	Amount	High/ Low	Range of Detected Results, Excluding the Outliers
Metals (mg/kg)							
Barium	74	1<MGD<10	68407	No	3,460	High	75.10 to 2650
Silver	27	10<MGD<100	68349	No	856	High	1.94 to 195
PBDEs (ng/kg)							
BDE 47	74	1<MGD<10	68407	Yes	5,000,000	High	73,000 to 2,600,000
BDE 99	74	1<MGD<10	68407	Yes	4,000,000	High	64,000 to 2,500,000
BDE 153	74	1<MGD<10	68407	Yes	410,000	High	9,100 to 250,000
Pharmaceuticals (ug/kg)							
4-Epitetracycline (ETC)	23	1<MGD<10	68350	No	47.2	Low	72.4 to 4,380
Azithromycin	69	1<MGD<10	68399	Yes	10.2	Low	26.5 to 6,530
Carbamazepine	74	1<MGD<10	68407	Yes	6,030	High	8.74 to 1,190
Ciprofloxacin	21	1<MGD<10	68353	Yes	74.5	Low	189 to 47,500
	23	1<MGD<10	68350	Yes	176	Low	
Fluoxetine	21	1<MGD<10	68353	No	20.1	Low	12.4 to 1410
	70	10<MGD<100	68400	Yes	3,130	high	
Tetracycline (TC)	21	1<MGD<10	68353	No	38.3	Low	39.7 to 5,270
Triclocarban	20	1<MGD<10	68354	LLBL	441,000	High	2,470 to 189,000
	48	1<MGD<10	68375	No	256	Low	
	61	MGD>100	68325	No	187	Low	
Steroids and Hormones (ug/kg)							
Cholesterol	74	1<MGD<10	68406	B, RMAX	21,900	Low	18,700 to 5,390,000

[1] "Yes" indicates data qualifiers were assigned, but they were not unusual compared to those assigned to other samples.

Appendix B.2

Handling Multiple Measurements at a Facility

Appendix B.2.1

List of Paired Measurements for Metals, Organics, and Classicals within a POTW, And Their Aggregated Measurements

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for Field Duplicates Within a Single POTW, and Their Aggregated Result,
for Analytes Subject to In-Depth Analysis

Class=Classicals , Analyte=NITRATE/NITRITE , CAS Number=C005

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	1.60	NC	68333	Final	1.90	NC	18.7	1.75	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	4.91	NC	68344	Final	4.18	NC	-14.9	4.55	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	4.10	NC	68357	Final	4.80	NC	17.1	4.45	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	38.00	NC	68323	Final	46.00	NC	21.1	42.00	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	47.00	NC	68362	Final	46.00	NC	-2.1	46.50	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	5.20	NC	68415	Final	7.50	NC	44.2	6.35	NC	MG/KG

Class=Metals , Analyte=BARIUM , CAS Number=7440393

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	1430.00	NC	68333	Final	2650.00	NC	85.3	2040.00	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	75.10	NC	68344	Final	78.60	NC	4.7	76.85	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	512.00	NC	68357	Final	1550.00	NC	202.7	1031.00	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	449.00	NC	68323	Final	431.00	NC	-4.0	440.00	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	368.00	NC	68362	Final	410.00	NC	11.4	389.00	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	555.00	NC	68415	Final	547.00	NC	-1.4	551.00	NC	MG/KG

Class=Metals , Analyte=BERYLLIUM , CAS Number=7440417

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	0.45	NC	68333	Final	0.44	NC	-3.5	0.45	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	0.08	NC	68344	Final	0.08	NC	0.0	0.08	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	0.10	NC	68357	Final	0.25	NC	142.7	0.18	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	1.23	NC	68323	Final	1.23	NC	0.0	1.23	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	0.11	NC	68362	Final	0.14	NC	28.6	0.13	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	0.14	NC	68415	Final	0.13	NC	-7.1	0.14	NC	MG/KG

Class=Metals , Analyte=MANGANESE , CAS Number=7439965

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	737.00	NC	68333	Final	698.00	NC	-5.3	717.50	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	63.20	NC	68344	Final	65.20	NC	3.2	64.20	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	896.00	NC	68357	Final	2910.00	NC	224.8	1903.00	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	2960.00	NC	68323	Final	2820.00	NC	-4.7	2890.00	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	232.00	NC	68362	Final	262.00	NC	12.9	247.00	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	310.00	NC	68415	Final	307.00	NC	-1.0	308.50	NC	MG/KG

Targeted National Sewage Sludge Survey (TNSSS)
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Class=Metals , Analyte=MOLYBDENUM , CAS Number=7439987

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	32.60	NC	68333	Final	31.00	NC	-4.9	31.80	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	3.74	NC	68344	Final	3.72	NC	-0.5	3.73	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	36.90	NC	68357	Final	132.00	NC	257.7	84.45	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	6.40	NC	68323	Final	7.01	NC	9.5	6.71	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	9.56	NC	68362	Final	13.10	NC	37.0	11.33	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	24.80	NC	68415	Final	22.80	NC	-8.1	23.80	NC	MG/KG

Class=Metals , Analyte=SILVER , CAS Number=7440224

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	11.50	NC	68333	Final	11.30	NC	-1.7	11.40	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	3.10	NC	68344	Final	2.80	NC	-9.7	2.95	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	10.70	NC	68357	Final	30.20	NC	182.2	20.45	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	17.50	NC	68323	Final	18.40	NC	5.1	17.95	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	31.60	NC	68362	Final	34.50	NC	9.2	33.05	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	20.60	NC	68415	Final	24.40	NC	18.4	22.50	NC	MG/KG

Class=Organics , Analyte=4-CHLOROANILINE , CAS Number=106478

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	1400.00	NC	68333	Final	1300.00	NC	-7.1	1350.00	NC	UG/KG
1 < MGD < 10	11	10/04/06	68343	Final	1300.00	NC	68344	Final	1200.00	NC	-7.7	1250.00	NC	UG/KG
1 < MGD < 10	19	10/18/06	68355	Final	3140.50	NC	68357	Final	4800.00	NC	52.8	3970.25	NC	UG/KG
1 < MGD < 10	28	10/25/06	68317	Final	100.00	NC	68323	Final	210.00	ND	110.0	155.00	NC	UG/KG
1 < MGD < 10	32	11/01/06	68361	Final	810.00	NC	68362	Final	920.00	NC	13.6	865.00	NC	UG/KG
10 < MGD < 100	49	11/10/06	68374	Final	620.00	NC	68415	Final	590.00	NC	-4.8	605.00	NC	UG/KG

Class=Organics , Analyte=FLUORANTHENE , CAS Number=206440

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	5500.00	NC	68333	Final	5500.00	NC	0.0	5500.00	NC	UG/KG
1 < MGD < 10	11	10/04/06	68343	Final	550.00	NC	68344	Final	550.00	NC	0.0	550.00	NC	UG/KG
1 < MGD < 10	19	10/18/06	68355	Final	153.72	NC	68357	Final	950.00	NC	518.0	551.86	NC	UG/KG
1 < MGD < 10	28	10/25/06	68317	Final	1100.00	NC	68323	Final	1300.00	NC	18.2	1200.00	NC	UG/KG
1 < MGD < 10	32	11/01/06	68361	Final	480.00	NC	68362	Final	490.00	NC	2.1	485.00	NC	UG/KG
10 < MGD < 100	49	11/10/06	68374	Final	720.00	NC	68415	Final	830.00	NC	15.3	775.00	NC	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
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---------- Class=Organics , Analyte=PYRENE , CAS Number=129000 ----------

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	4500.00	NC	68333	Final	4200.00	NC	-6.7	4350.00	NC	UG/KG
1 < MGD < 10	11	10/04/06	68343	Final	1300.00	ND	68344	Final	1300.00	ND	0.0	1300.00	ND	UG/KG
1 < MGD < 10	19	10/18/06	68355	Final	280.99	NC	68357	Final	1300.00	NC	362.6	790.50	NC	UG/KG
1 < MGD < 10	28	10/25/06	68317	Final	1100.00	NC	68323	Final	1100.00	NC	0.0	1100.00	NC	UG/KG
1 < MGD < 10	32	11/01/06	68361	Final	720.00	NC	68362	Final	680.00	NC	-5.6	700.00	NC	UG/KG
10 < MGD < 100	49	11/10/06	68374	Final	860.00	NC	68415	Final	940.00	NC	9.3	900.00	NC	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for Field Duplicates Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=Classicals , Analyte=FLUORIDE , CAS Number=16984488

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	15.90	NC	68333	Final	19.10	NC	20.1	17.50	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	20.80	NC	68344	Final	19.20	NC	-7.7	20.00	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	134.00	NC	68357	Final	191.00	NC	42.5	162.50	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	24.00	NC	68323	Final	21.30	NC	-11.2	22.65	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	71.00	NC	68362	Final	77.00	NC	8.5	74.00	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	79.20	NC	68415	Final	82.10	NC	3.7	80.65	NC	MG/KG

Class=Classicals , Analyte=WATER-EXTRACTABLE PHOSPHORUS , CAS Number=C055

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	137.00	NC	68333	Final	178.00	NC	29.9	157.50	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	257.00	NC	68344	Final	360.00	NC	40.1	308.50	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	366.00	NC	68357	Final	546.00	NC	49.2	456.00	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	256.00	NC	68323	Final	629.00	NC	145.7	442.50	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	1170.00	NC	68362	Final	1280.00	NC	9.4	1225.00	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	495.00	NC	68415	Final	608.00	NC	22.8	551.50	NC	MG/KG

Class=Metals , Analyte=ALUMINUM , CAS Number=7429905

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	15700.00	NC	68333	Final	15900.00	NC	1.3	15800.00	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	44800.00	NC	68344	Final	46700.00	NC	4.2	45750.00	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	4770.00	NC	68357	Final	14400.00	NC	201.9	9585.00	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	10000.00	NC	68323	Final	10000.00	NC	0.0	10000.00	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	6140.00	NC	68362	Final	6630.00	NC	8.0	6385.00	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	9310.00	NC	68415	Final	9380.00	NC	0.8	9345.00	NC	MG/KG

Class=Metals , Analyte=ANTIMONY , CAS Number=7440360

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	3.86	NC	68333	Final	4.00	NC	3.6	3.93	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	1.00	NC	68344	Final	0.97	NC	-3.0	0.99	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	9.17	NC	68357	Final	26.60	NC	190.1	17.89	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	0.05	ND	68323	Final	0.05	ND	0.0	0.05	ND	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	1.69	NC	68362	Final	2.05	NC	21.3	1.87	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	2.11	NC	68415	Final	2.16	NC	2.4	2.14	NC	MG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for Field Duplicates Within a Single POTW, and Their Aggregated Result,
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Class=Metals , Analyte=ARSENIC , CAS Number=7440382

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	6.87	NC	68333	Final	6.87	NC	0.0	6.87	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	3.93	NC	68344	Final	4.11	NC	4.6	4.02	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	9.01	NC	68357	Final	30.70	NC	240.7	19.86	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	5.14	NC	68323	Final	5.47	NC	6.4	5.31	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	2.14	NC	68362	Final	2.92	NC	36.4	2.53	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	5.13	NC	68415	Final	4.77	NC	-7.0	4.95	NC	MG/KG

Class=Metals , Analyte=BORON , CAS Number=7440428

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	49.50	NC	68333	Final	48.10	NC	-2.8	48.80	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	6.30	NC	68344	Final	6.20	NC	-1.6	6.25	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	55.00	NC	68357	Final	204.00	NC	270.9	129.50	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	6.80	NC	68323	Final	7.80	NC	14.7	7.30	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	22.30	NC	68362	Final	25.30	NC	13.5	23.80	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	69.50	NC	68415	Final	69.40	NC	-0.1	69.45	NC	MG/KG

Class=Metals , Analyte=CADMIUM , CAS Number=7440439

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	2.93	NC	68333	Final	2.98	NC	1.7	2.96	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	1.05	NC	68344	Final	1.09	NC	3.8	1.07	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	2.16	NC	68357	Final	7.04	NC	225.9	4.60	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	1.62	NC	68323	Final	1.74	NC	7.4	1.68	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	1.74	NC	68362	Final	2.39	NC	37.4	2.07	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	2.00	NC	68415	Final	1.86	NC	-7.0	1.93	NC	MG/KG

Class=Metals , Analyte=CALCIUM , CAS Number=7440702

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	31900.00	NC	68333	Final	31300.00	NC	-1.9	31600.00	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	11800.00	NC	68344	Final	12100.00	NC	2.5	11950.00	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	22700.00	NC	68357	Final	80700.00	NC	255.5	51700.00	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	14100.00	NC	68323	Final	13500.00	NC	-4.3	13800.00	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	24500.00	NC	68362	Final	27400.00	NC	11.8	25950.00	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	33300.00	NC	68415	Final	32800.00	NC	-1.5	33050.00	NC	MG/KG

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Class=Metals , Analyte=CHROMIUM , CAS Number=7440473

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	199.00	NC	68333	Final	213.00	NC	7.0	206.00	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	11.40	NC	68344	Final	15.10	NC	32.5	13.25	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	64.90	NC	68357	Final	261.00	NC	302.2	162.95	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	32.10	NC	68323	Final	34.60	NC	7.8	33.35	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	27.30	NC	68362	Final	36.70	NC	34.4	32.00	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	215.00	NC	68415	Final	213.00	NC	-0.9	214.00	NC	MG/KG

Class=Metals , Analyte=COBALT , CAS Number=7440484

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	4.74	NC	68333	Final	4.75	NC	0.2	4.75	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	0.97	NC	68344	Final	1.01	NC	4.7	0.99	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	6.67	NC	68357	Final	23.10	NC	246.3	14.89	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	18.50	NC	68323	Final	19.00	NC	2.7	18.75	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	2.78	NC	68362	Final	3.48	NC	25.2	3.13	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	4.85	NC	68415	Final	4.43	NC	-8.7	4.64	NC	MG/KG

Class=Metals , Analyte=COPPER , CAS Number=7440508

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	774.00	NC	68333	Final	787.00	NC	1.7	780.50	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	541.00	NC	68344	Final	571.00	NC	5.5	556.00	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	360.00	NC	68357	Final	1090.00	NC	202.8	725.00	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	418.00	NC	68323	Final	404.00	NC	-3.3	411.00	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	790.00	NC	68362	Final	876.00	NC	10.9	833.00	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	630.00	NC	68415	Final	612.00	NC	-2.9	621.00	NC	MG/KG

Class=Metals , Analyte=IRON , CAS Number=7439896

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	16400.00	NC	68333	Final	17000.00	NC	3.7	16700.00	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	5560.00	NC	68344	Final	5700.00	NC	2.5	5630.00	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	91200.00	NC	68357	Final	299000.00	NC	227.9	195100.00	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	30800.00	NC	68323	Final	29400.00	NC	-4.5	30100.00	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	16900.00	NC	68362	Final	18600.00	NC	10.1	17750.00	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	30900.00	NC	68415	Final	31100.00	NC	0.6	31000.00	NC	MG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for Field Duplicates Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=Metals , Analyte=LEAD , CAS Number=7439921

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	92.60	NC	68333	Final	93.20	NC	0.6	92.90	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	37.40	NC	68344	Final	38.90	NC	4.0	38.15	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	30.10	NC	68357	Final	97.20	NC	222.9	63.65	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	244.00	NC	68323	Final	262.00	NC	7.4	253.00	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	30.80	NC	68362	Final	41.90	NC	36.0	36.35	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	55.30	NC	68415	Final	50.80	NC	-8.1	53.05	NC	MG/KG

Class=Metals , Analyte=MAGNESIUM , CAS Number=7439954

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	5350.00	NC	68333	Final	5390.00	NC	0.7	5370.00	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	696.00	NC	68344	Final	731.00	NC	5.0	713.50	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	4870.00	NC	68357	Final	17400.00	NC	257.3	11135.00	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	3900.00	NC	68323	Final	3510.00	NC	-10.0	3705.00	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	2130.00	NC	68362	Final	2320.00	NC	8.9	2225.00	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	6810.00	NC	68415	Final	6890.00	NC	1.2	6850.00	NC	MG/KG

Class=Metals , Analyte=MERCURY , CAS Number=7439976

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	0.86	NC	68333	Final	0.30	NC	-64.5	0.58	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	0.49	NC	68344	Final	0.48	NC	-2.6	0.49	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	0.32	NC	68357	Final	0.84	NC	162.1	0.58	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	0.72	NC	68323	Final	0.93	NC	29.3	0.83	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	2.24	NC	68362	Final	2.52	NC	12.5	2.38	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	0.54	NC	68415	Final	0.50	NC	-6.8	0.52	NC	MG/KG

Class=Metals , Analyte=NICKEL , CAS Number=7440020

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	516.00	NC	68333	Final	499.00	NC	-3.3	507.50	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	7.44	NC	68344	Final	7.77	NC	4.4	7.61	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	36.50	NC	68357	Final	122.00	NC	234.2	79.25	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	28.90	NC	68323	Final	30.40	NC	5.2	29.65	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	20.50	NC	68362	Final	27.10	NC	32.2	23.80	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	79.00	NC	68415	Final	70.50	NC	-10.8	74.75	NC	MG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for Field Duplicates Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=Metals , Analyte=PHOSPHORUS , CAS Number=7723140

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	17500.00	NC	68333	Final	17600.00	NC	0.6	17550.00	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	16000.00	NC	68344	Final	16700.00	NC	4.4	16350.00	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	36200.00	NC	68357	Final	118000.00	NC	226.0	77100.00	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	15300.00	NC	68323	Final	14600.00	NC	-4.6	14950.00	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	17200.00	NC	68362	Final	19200.00	NC	11.6	18200.00	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	34000.00	NC	68415	Final	34200.00	NC	0.6	34100.00	NC	MG/KG

Class=Metals , Analyte=SELENIUM , CAS Number=7782492

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	9.30	NC	68333	Final	9.20	NC	-1.1	9.25	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	3.00	NC	68344	Final	3.40	NC	13.3	3.20	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	6.20	NC	68357	Final	24.30	NC	291.9	15.25	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	3.70	NC	68323	Final	3.80	NC	2.7	3.75	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	7.00	NC	68362	Final	9.60	NC	37.1	8.30	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	8.60	NC	68415	Final	7.80	NC	-9.3	8.20	NC	MG/KG

Class=Metals , Analyte=SODIUM , CAS Number=7440235

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	1240.00	NC	68333	Final	811.00	NC	-34.6	1025.50	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	419.00	NC	68344	Final	437.00	NC	4.3	428.00	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	4510.00	NC	68357	Final	18500.00	NC	310.2	11505.00	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	690.00	NC	68323	Final	701.00	NC	1.6	695.50	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	636.00	NC	68362	Final	670.00	NC	5.3	653.00	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	1530.00	NC	68415	Final	1580.00	NC	3.3	1555.00	NC	MG/KG

Class=Metals , Analyte=THALLIUM , CAS Number=7440280

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	0.13	NC	68333	Final	0.13	NC	-3.1	0.13	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	0.08	NC	68344	Final	0.08	NC	0.0	0.08	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	0.11	NC	68357	Final	0.40	NC	257.1	0.26	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	0.16	NC	68323	Final	0.17	NC	6.3	0.17	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	0.04	NC	68362	Final	0.07	NC	52.3	0.06	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	0.06	NC	68415	Final	0.06	NC	0.0	0.06	NC	MG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for Field Duplicates Within a Single POTW, and Their Aggregated Result,
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Class=Metals , Analyte=TIN , CAS Number=7440315

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	43.70	NC	68333	Final	43.90	NC	0.5	43.80	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	19.70	ND	68344	Final	19.90	ND	1.0	19.80	ND	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	53.30	NC	68357	Final	148.00	NC	177.7	100.65	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	37.40	NC	68323	Final	35.00	NC	-6.4	36.20	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	82.20	NC	68362	Final	90.20	NC	9.7	86.20	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	36.40	NC	68415	Final	46.10	NC	26.6	41.25	NC	MG/KG

Class=Metals , Analyte=TITANIUM , CAS Number=7440326

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	78.10	NC	68333	Final	81.20	NC	4.0	79.65	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	230.00	NC	68344	Final	175.00	NC	-23.9	202.50	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	647.00	NC	68357	Final	1860.00	NC	187.5	1253.50	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	46.20	NC	68323	Final	51.00	NC	10.4	48.60	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	26.60	NC	68362	Final	25.40	NC	-4.5	26.00	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	78.00	NC	68415	Final	66.30	NC	-15.0	72.15	NC	MG/KG

Class=Metals , Analyte=VANADIUM , CAS Number=7440622

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	26.40	NC	68333	Final	27.50	NC	4.2	26.95	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	11.00	NC	68344	Final	11.40	NC	3.6	11.20	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	110.00	NC	68357	Final	333.00	NC	202.7	221.50	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	13.90	NC	68323	Final	15.10	NC	8.6	14.50	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	7.04	NC	68362	Final	9.39	NC	33.4	8.22	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	42.20	NC	68415	Final	38.70	NC	-8.3	40.45	NC	MG/KG

Class=Metals , Analyte=YTTRIUM , CAS Number=7440655

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	4.53	NC	68333	Final	4.46	NC	-1.5	4.50	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	1.13	NC	68344	Final	1.18	NC	4.4	1.16	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	1.90	NC	68357	Final	6.32	NC	232.6	4.11	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	4.51	NC	68323	Final	4.89	NC	8.4	4.70	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	2.06	NC	68362	Final	2.73	NC	32.5	2.40	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	2.02	NC	68415	Final	1.86	NC	-7.9	1.94	NC	MG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for Field Duplicates Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=Metals , Analyte=ZINC , CAS Number=7440666

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	889.00	NC	68333	Final	903.00	NC	1.6	896.00	NC	MG/KG
1 < MGD < 10	11	10/04/06	68343	Final	544.00	NC	68344	Final	574.00	NC	5.5	559.00	NC	MG/KG
1 < MGD < 10	19	10/18/06	68355	Final	1540.00	NC	68357	Final	5050.00	NC	227.9	3295.00	NC	MG/KG
1 < MGD < 10	28	10/25/06	68317	Final	1340.00	NC	68323	Final	1280.00	NC	-4.5	1310.00	NC	MG/KG
1 < MGD < 10	32	11/01/06	68361	Final	581.00	NC	68362	Final	647.00	NC	11.4	614.00	NC	MG/KG
10 < MGD < 100	49	11/10/06	68374	Final	926.00	NC	68415	Final	912.00	NC	-1.5	919.00	NC	MG/KG

Class=Organics , Analyte=2-METHYLNAPHTHALENE , CAS Number=91576

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	55.00	NC	68333	Final	38.00	NC	-30.9	46.50	NC	UG/KG
1 < MGD < 10	11	10/04/06	68343	Final	820.00	ND	68344	Final	810.00	ND	-1.2	815.00	ND	UG/KG
1 < MGD < 10	19	10/18/06	68355	Final	429.75	ND	68357	Final	570.00	ND	32.6	499.88	ND	UG/KG
1 < MGD < 10	28	10/25/06	68317	Final	740.00	NC	68323	Final	840.00	NC	13.5	790.00	NC	UG/KG
1 < MGD < 10	32	11/01/06	68361	Final	170.00	ND	68362	Final	190.00	ND	11.8	180.00	ND	UG/KG
10 < MGD < 100	49	11/10/06	68374	Final	160.00	NC	68415	Final	190.00	NC	18.8	175.00	NC	UG/KG

Class=Organics , Analyte=BENZO(A)PYRENE , CAS Number=50328

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	3300.00	NC	68333	Final	3200.00	NC	-3.0	3250.00	NC	UG/KG
1 < MGD < 10	11	10/04/06	68343	Final	820.00	ND	68344	Final	810.00	ND	-1.2	815.00	ND	UG/KG
1 < MGD < 10	19	10/18/06	68355	Final	120.66	NC	68357	Final	740.00	NC	513.3	430.33	NC	UG/KG
1 < MGD < 10	28	10/25/06	68317	Final	410.00	NC	68323	Final	420.00	NC	2.4	415.00	NC	UG/KG
1 < MGD < 10	32	11/01/06	68361	Final	240.00	NC	68362	Final	220.00	NC	-8.3	230.00	NC	UG/KG
10 < MGD < 100	49	11/10/06	68374	Final	430.00	NC	68415	Final	510.00	NC	18.6	470.00	NC	UG/KG

Class=Organics , Analyte=BIS(2-ETHYLHEXYL) PHTHALATE , CAS Number=117817

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1 < MGD < 10	2	08/23/06	68332	Final	57000.00	NC	68333	Final	55000.00	NC	-3.5	56000.00	NC	UG/KG
1 < MGD < 10	11	10/04/06	68343	Final	120000.00	NC	68344	Final	120000.00	NC	0.0	120000.00	NC	UG/KG
1 < MGD < 10	19	10/18/06	68355	Final	2479.34	NC	68357	Final	21000.00	NC	747.0	11739.67	NC	UG/KG
1 < MGD < 10	28	10/25/06	68317	Final	11000.00	NC	68323	Final	13000.00	NC	18.2	12000.00	NC	UG/KG
1 < MGD < 10	32	11/01/06	68361	Final	52000.00	NC	68362	Final	61000.00	NC	17.3	56500.00	NC	UG/KG
10 < MGD < 100	49	11/10/06	68374	Final	44000.00	NC	68415	Final	49000.00	NC	11.4	46500.00	NC	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for Multiple Locations Within a Single POTW, and Their Aggregated Result,
for Analytes Subject to In-Depth Analysis

Class=Classicals , Analyte=NITRATE/NITRITE , CAS Number=C005

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	58.00	NC	68320	Solid 2	59.00	NC	1.7	58.50	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	1010.00	NC	68375	Solid 2	147.00	NC	-85.4	578.50	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	480.00	NC	68383	Solid	3.80	NC	-99.2	241.90	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	5.60	NC	68406	Solid	29.10	NC	419.6	17.35	NC	MG/KG

Class=Metals , Analyte=BARIUM , CAS Number=7440393

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	292.00	NC	68320	Solid 2	128.00	NC	-56.2	210.00	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	489.00	NC	68375	Solid 2	278.00	NC	-43.1	383.50	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	619.00	NC	68383	Solid	544.00	NC	-12.1	581.50	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	3460.00	NC	68406	Solid	773.00	NC	-77.7	2116.50	NC	MG/KG

Class=Metals , Analyte=BERYLLIUM , CAS Number=7440417

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	0.39	NC	68320	Solid 2	0.79	NC	102.6	0.59	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	0.44	NC	68375	Solid 2	0.23	NC	-47.4	0.33	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	0.46	NC	68383	Solid	0.47	NC	2.2	0.47	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	1.09	NC	68406	Solid	0.13	NC	-87.7	0.61	NC	MG/KG

Class=Metals , Analyte=MANGANESE , CAS Number=7439965

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	683.00	NC	68320	Solid 2	165.00	NC	-75.8	424.00	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	262.00	NC	68375	Solid 2	160.00	NC	-38.9	211.00	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	933.00	NC	68383	Solid	1310.00	NC	40.4	1121.50	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	4750.00	NC	68406	Solid	789.00	NC	-83.4	2769.50	NC	MG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for Multiple Locations Within a Single POTW, and Their Aggregated Result,
for Analytes Subject to In-Depth Analysis

---------- Class=Metals , Analyte=MOLYBDENUM , CAS Number=7439987 ----------

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	4.84	NC	68320	Solid 2	5.11	NC	5.6	4.98	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	37.70	NC	68375	Solid 2	5.06	NC	-86.6	21.38	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	16.30	NC	68383	Solid	15.60	NC	-4.3	15.95	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	20.60	NC	68406	Solid	4.74	NC	-77.0	12.67	NC	MG/KG

---------- Class=Metals , Analyte=SILVER , CAS Number=7440224 ----------

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	2.04	NC	68320	Solid 2	2.35	NC	15.2	2.20	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	24.50	NC	68375	Solid 2	8.24	NC	-66.4	16.37	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	23.90	NC	68383	Solid	15.20	NC	-36.4	19.55	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	57.30	NC	68406	Solid	18.60	NC	-67.5	37.95	NC	MG/KG

---------- Class=Organics , Analyte=4-CHLOROANILINE , CAS Number=106478 ----------

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	1200.00	NC	68320	Solid 2	210.00	NC	-82.5	705.00	NC	UG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	230.00	NC	68375	Solid 2	320.00	ND	39.1	275.00	NC	UG/KG
MGD > 100	53	11/14/06	68335	Liquid	2200.00	NC	68383	Solid	760.00	NC	-65.5	1480.00	NC	UG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	200.00	ND	68406	Solid	2100.00	NC	950.0	1150.00	NC	UG/KG

---------- Class=Organics , Analyte=FLUORANTHENE , CAS Number=206440 ----------

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	420.00	NC	68320	Solid 2	150.00	NC	-64.3	285.00	NC	UG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	490.00	NC	68375	Solid 2	450.00	NC	-8.2	470.00	NC	UG/KG
MGD > 100	53	11/14/06	68335	Liquid	8900.00	NC	68383	Solid	4000.00	NC	-55.1	6450.00	NC	UG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	120.00	NC	68406	Solid	420.00	NC	250.0	270.00	NC	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for Multiple Locations Within a Single POTW, and Their Aggregated Result,
for Analytes Subject to In-Depth Analysis

---------- Class=Organics , Analyte=PYRENE , CAS Number=129000 ----------

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	510.00	NC	68320	Solid 2	170.00	NC	-66.7	340.00	NC	UG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	590.00	NC	68375	Solid 2	350.00	NC	-40.7	470.00	NC	UG/KG
MGD > 100	53	11/14/06	68335	Liquid	5800.00	NC	68383	Solid	4100.00	NC	-29.3	4950.00	NC	UG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	110.00	NC	68406	Solid	460.00	NC	318.2	285.00	NC	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for Multiple Locations Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=Classicals , Analyte=FLUORIDE , CAS Number=16984488

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	31.80	NC	68320	Solid 2	83.00	NC	161.0	57.40	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	29.90	NC	68375	Solid 2	24.80	NC	-17.1	27.35	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	30.50	NC	68383	Solid	59.40	NC	94.8	44.95	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	22.00	NC	68406	Solid	7.60	NC	-65.5	14.80	NC	MG/KG

Class=Classicals , Analyte=WATER-EXTRACTABLE PHOSPHORUS , CAS Number=C055

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	41.20	NC	68320	Solid 2	27.30	NC	-33.7	34.25	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	143.00	NC	68375	Solid 2	96.00	NC	-32.9	119.50	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	574.00	NC	68383	Solid	91.90	NC	-84.0	332.95	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	1110.00	NC	68406	Solid	111.00	NC	-90.0	610.50	NC	MG/KG

Class=Metals , Analyte=ALUMINUM , CAS Number=7429905

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	3250.00	NC	68320	Solid 2	6470.00	NC	99.1	4860.00	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	20600.00	NC	68375	Solid 2	14100.00	NC	-31.6	17350.00	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	12200.00	NC	68383	Solid	12200.00	NC	0.0	12200.00	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	28100.00	NC	68406	Solid	7670.00	NC	-72.7	17885.00	NC	MG/KG

Class=Metals , Analyte=ANTIMONY , CAS Number=7440360

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	0.01	ND	68320	Solid 2	1.98	NC	19700	1.00	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	1.01	NC	68375	Solid 2	0.70	NC	-31.0	0.85	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	2.52	NC	68383	Solid	2.26	NC	-10.3	2.39	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	8.65	NC	68406	Solid	1.67	NC	-80.7	5.16	NC	MG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for Multiple Locations Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=Metals , Analyte=ARSENIC , CAS Number=7440382

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	3.80	NC	68320	Solid 2	5.41	NC	42.4	4.61	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	5.03	NC	68375	Solid 2	1.48	NC	-70.6	3.26	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	12.30	NC	68383	Solid	10.90	NC	-11.4	11.60	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	16.30	NC	68406	Solid	2.70	NC	-83.4	9.50	NC	MG/KG

Class=Metals , Analyte=BORON , CAS Number=7440428

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	9.70	ND	68320	Solid 2	21.00	NC	116.5	15.35	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	15.70	NC	68375	Solid 2	20.00	ND	27.4	17.85	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	42.50	NC	68383	Solid	44.60	NC	4.9	43.55	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	115.00	NC	68406	Solid	21.10	NC	-81.7	68.05	NC	MG/KG

Class=Metals , Analyte=CADMIUM , CAS Number=7440439

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	1.00	NC	68320	Solid 2	0.83	NC	-17.0	0.92	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	2.73	NC	68375	Solid 2	1.00	NC	-63.4	1.87	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	8.26	NC	68383	Solid	3.14	NC	-62.0	5.70	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	10.20	NC	68406	Solid	1.51	NC	-85.2	5.86	NC	MG/KG

Class=Metals , Analyte=CALCIUM , CAS Number=7440702

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	124000.00	NC	68320	Solid 2	311000.00	NC	150.8	217500.00	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	33300.00	NC	68375	Solid 2	17100.00	NC	-48.6	25200.00	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	60200.00	NC	68383	Solid	49000.00	NC	-18.6	54600.00	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	85900.00	NC	68406	Solid	12800.00	NC	-85.1	49350.00	NC	MG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for Multiple Locations Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=Metals , Analyte=CHROMIUM , CAS Number=7440473

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	36.10	NC	68320	Solid 2	14.50	NC	-59.8	25.30	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	146.00	NC	68375	Solid 2	60.80	NC	-58.4	103.40	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	154.00	NC	68383	Solid	93.90	NC	-39.0	123.95	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	124.00	NC	68406	Solid	31.80	NC	-74.4	77.90	NC	MG/KG

Class=Metals , Analyte=COBALT , CAS Number=7440484

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	3.60	NC	68320	Solid 2	5.27	NC	46.4	4.44	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	7.78	NC	68375	Solid 2	4.27	NC	-45.1	6.03	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	7.18	NC	68383	Solid	7.61	NC	6.0	7.40	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	16.50	NC	68406	Solid	4.20	NC	-74.5	10.35	NC	MG/KG

Class=Metals , Analyte=COPPER , CAS Number=7440508

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	387.00	NC	68320	Solid 2	117.00	NC	-69.8	252.00	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	407.00	NC	68375	Solid 2	166.00	NC	-59.2	286.50	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	501.00	NC	68383	Solid	425.00	NC	-15.2	463.00	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	2580.00	NC	68406	Solid	541.00	NC	-79.0	1560.50	NC	MG/KG

Class=Metals , Analyte=IRON , CAS Number=7439896

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	14400.00	NC	68320	Solid 2	7030.00	NC	-51.2	10715.00	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	15500.00	NC	68375	Solid 2	11000.00	NC	-29.0	13250.00	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	29800.00	NC	68383	Solid	36900.00	NC	23.8	33350.00	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	61900.00	NC	68406	Solid	14400.00	NC	-76.7	38150.00	NC	MG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for Multiple Locations Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

---------- Class=Metals , Analyte=LEAD , CAS Number=7439921 ----------

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	26.10	NC	68320	Solid 2	15.90	NC	-39.1	21.00	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	77.80	NC	68375	Solid 2	21.30	NC	-72.6	49.55	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	157.00	NC	68383	Solid	130.00	NC	-17.2	143.50	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	450.00	NC	68406	Solid	115.00	NC	-74.4	282.50	NC	MG/KG

---------- Class=Metals , Analyte=MAGNESIUM , CAS Number=7439954 ----------

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	2970.00	NC	68320	Solid 2	8310.00	NC	179.8	5640.00	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	7800.00	NC	68375	Solid 2	4300.00	NC	-44.9	6050.00	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	18400.00	NC	68383	Solid	17700.00	NC	-3.8	18050.00	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	12600.00	NC	68406	Solid	1550.00	NC	-87.7	7075.00	NC	MG/KG

---------- Class=Metals , Analyte=MERCURY , CAS Number=7439976 ----------

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	0.32	NC	68320	Solid 2	0.17	NC	-46.6	0.25	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	2.90	NC	68375	Solid 2	1.45	NC	-50.0	2.18	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	1.18	NC	68383	Solid	1.09	NC	-7.6	1.14	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	8.26	NC	68406	Solid	3.94	NC	-52.3	6.10	NC	MG/KG

---------- Class=Metals , Analyte=NICKEL , CAS Number=7440020 ----------

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	17.10	NC	68320	Solid 2	45.50	NC	166.1	31.30	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	25.60	NC	68375	Solid 2	13.90	NC	-45.7	19.75	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	33.60	NC	68383	Solid	31.00	NC	-7.7	32.30	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	59.60	NC	68406	Solid	16.80	NC	-71.8	38.20	NC	MG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for Multiple Locations Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=Metals , Analyte=PHOSPHORUS , CAS Number=7723140

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	8810.00	NC	68320	Solid 2	2620.00	NC	-70.3	5715.00	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	15400.00	NC	68375	Solid 2	9060.00	NC	-41.2	12230.00	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	31700.00	NC	68383	Solid	20900.00	NC	-34.1	26300.00	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	47700.00	NC	68406	Solid	9470.00	NC	-80.1	28585.00	NC	MG/KG

Class=Metals , Analyte=SELENIUM , CAS Number=7782492

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	2.10	NC	68320	Solid 2	3.00	NC	42.9	2.55	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	8.50	NC	68375	Solid 2	4.10	NC	-51.8	6.30	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	14.00	NC	68383	Solid	6.40	NC	-54.3	10.20	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	24.70	NC	68406	Solid	4.60	NC	-81.4	14.65	NC	MG/KG

Class=Metals , Analyte=SODIUM , CAS Number=7440235

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	662.00	NC	68320	Solid 2	428.00	NC	-35.3	545.00	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	1920.00	NC	68375	Solid 2	428.00	NC	-77.7	1174.00	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	586.00	NC	68383	Solid	594.00	NC	1.4	590.00	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	16500.00	NC	68406	Solid	161.00	NC	-99.0	8330.50	NC	MG/KG

Class=Metals , Analyte=THALLIUM , CAS Number=7440280

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	0.06	NC	68320	Solid 2	0.34	NC	466.7	0.20	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	0.25	NC	68375	Solid 2	0.11	NC	-55.2	0.18	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	0.53	NC	68383	Solid	0.47	NC	-11.3	0.50	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	0.30	NC	68406	Solid	0.05	NC	-85.0	0.17	NC	MG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for Multiple Locations Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=Metals , Analyte=TIN , CAS Number=7440315

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	24.10	NC	68320	Solid 2	19.90	ND	-17.4	22.00	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	46.70	NC	68375	Solid 2	20.60	NC	-55.9	33.65	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	41.40	NC	68383	Solid	28.30	NC	-31.6	34.85	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	106.00	NC	68406	Solid	51.60	NC	-51.3	78.80	NC	MG/KG

Class=Metals , Analyte=TITANIUM , CAS Number=7440326

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	7020.00	NC	68320	Solid 2	2590.00	NC	-63.1	4805.00	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	316.00	NC	68375	Solid 2	562.00	NC	77.8	439.00	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	121.00	NC	68383	Solid	305.00	NC	152.1	213.00	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	90.20	NC	68406	Solid	78.80	NC	-12.6	84.50	NC	MG/KG

Class=Metals , Analyte=VANADIUM , CAS Number=7440622

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	13.30	NC	68320	Solid 2	118.00	NC	787.2	65.65	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	118.00	NC	68375	Solid 2	49.90	NC	-57.7	83.95	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	35.90	NC	68383	Solid	65.60	NC	82.7	50.75	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	74.50	NC	68406	Solid	17.30	NC	-76.8	45.90	NC	MG/KG

Class=Metals , Analyte=YTTRIUM , CAS Number=7440655

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	3.79	NC	68320	Solid 2	6.42	NC	69.4	5.11	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	5.16	NC	68375	Solid 2	2.63	NC	-49.0	3.90	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	4.52	NC	68383	Solid	5.04	NC	11.5	4.78	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	25.60	NC	68406	Solid	3.28	NC	-87.2	14.44	NC	MG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for Multiple Locations Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=Metals , Analyte=ZINC , CAS Number=7440666

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	1190.00	NC	68320	Solid 2	435.00	NC	-63.4	812.50	NC	MG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	702.00	NC	68375	Solid 2	514.00	NC	-26.8	608.00	NC	MG/KG
MGD > 100	53	11/14/06	68335	Liquid	1580.00	NC	68383	Solid	1170.00	NC	-25.9	1375.00	NC	MG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	4150.00	NC	68406	Solid	808.00	NC	-80.5	2479.00	NC	MG/KG

Class=Organics , Analyte=2-METHYLNAPHTHALENE , CAS Number=91576

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	240.00	NC	68320	Solid 2	87.00	NC	-63.8	163.50	NC	UG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	40.00	ND	68375	Solid 2	320.00	ND	700.0	180.00	ND	UG/KG
MGD > 100	53	11/14/06	68335	Liquid	370.00	NC	68383	Solid	270.00	NC	-27.0	320.00	NC	UG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	140.00	NC	68406	Solid	29.00	NC	-79.3	84.50	NC	UG/KG

Class=Organics , Analyte=BENZO(A)PYRENE , CAS Number=50328

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	170.00	ND	68320	Solid 2	40.00	ND	-76.5	105.00	ND	UG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	250.00	NC	68375	Solid 2	320.00	ND	28.0	285.00	NC	UG/KG
MGD > 100	53	11/14/06	68335	Liquid	4500.00	NC	68383	Solid	1900.00	NC	-57.8	3200.00	NC	UG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	63.00	NC	68406	Solid	330.00	NC	423.8	196.50	NC	UG/KG

Class=Organics , Analyte=BIS(2-ETHYLHEXYL) PHTHALATE , CAS Number=117817

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
MGD > 100	18	10/18/06	68315	Solid 1	68000.00	NC	68320	Solid 2	740.00	NC	-98.9	34370.00	NC	UG/KG
1 < MGD < 10	48	11/09/06	68373	Solid 1	49000.00	NC	68375	Solid 2	53000.00	NC	8.2	51000.00	NC	UG/KG
MGD > 100	53	11/14/06	68335	Liquid	71000.00	NC	68383	Solid	37000.00	NC	-47.9	54000.00	NC	UG/KG
1 < MGD < 10	74	03/29/07	68407	Liquid	5700.00	NC	68406	Solid	4700.00	NC	-17.5	5200.00	NC	UG/KG

Appendix B.2.2

List of Paired Measurements for PBDEs within a POTW, And Their Aggregated Measurements

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for Field Duplicates Within a Single POTW, and Their Aggregated Result,
for Analytes Subject to In-Depth Analysis

Class=PBDEs , Analyte=BDE 47 , CAS Number=5436431

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	800000.00	NC	68333	Final	1000000.00	NC	25.0	900000.00	NC	ng/kg
1<MGD<10	11	10/04/06	68343	Final	230000.00	NC	68344	Final	210000.00	NC	-8.7	220000.00	NC	ng/kg
1<MGD<10	19	10/18/06	68355	Final	330000.00	NC	68357	Final	430000.00	NC	30.3	380000.00	NC	ng/kg
1<MGD<10	28	10/25/06	68317	Final	260000.00	NC	68323	Final	220000.00	NC	-15.4	240000.00	NC	ng/kg
1<MGD<10	32	11/01/06	68361	Final	700000.00	NC	68362	Final	1000000.00	NC	42.9	850000.00	NC	ng/kg
10<MGD<100	49	11/10/06	68374	Final	1000000.00	NC	68415	Final	1100000.00	NC	10.0	1050000.00	NC	ng/kg

Class=PBDEs , Analyte=BDE 99 , CAS Number=60348609

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	860000.00	NC	68333	Final	1000000.00	NC	16.3	930000.00	NC	ng/kg
1<MGD<10	11	10/04/06	68343	Final	230000.00	NC	68344	Final	190000.00	NC	-17.4	210000.00	NC	ng/kg
1<MGD<10	19	10/18/06	68355	Final	340000.00	NC	68357	Final	450000.00	NC	32.4	395000.00	NC	ng/kg
1<MGD<10	28	10/25/06	68317	Final	250000.00	NC	68323	Final	210000.00	NC	-16.0	230000.00	NC	ng/kg
1<MGD<10	32	11/01/06	68361	Final	670000.00	NC	68362	Final	1100000.00	NC	64.2	885000.00	NC	ng/kg
10<MGD<100	49	11/10/06	68374	Final	990000.00	NC	68415	Final	1000000.00	NC	1.0	995000.00	NC	ng/kg

Class=PBDEs , Analyte=BDE 153 , CAS Number=68631492

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	78000.00	NC	68333	Final	91000.00	NC	16.7	84500.00	NC	ng/kg
1<MGD<10	11	10/04/06	68343	Final	19000.00	NC	68344	Final	17000.00	NC	-10.5	18000.00	NC	ng/kg
1<MGD<10	19	10/18/06	68355	Final	37000.00	NC	68357	Final	49000.00	NC	32.4	43000.00	NC	ng/kg
1<MGD<10	28	10/25/06	68317	Final	24000.00	NC	68323	Final	20000.00	NC	-16.7	22000.00	NC	ng/kg
1<MGD<10	32	11/01/06	68361	Final	62000.00	NC	68362	Final	98000.00	NC	58.1	80000.00	NC	ng/kg
10<MGD<100	49	11/10/06	68374	Final	88000.00	NC	68415	Final	96000.00	NC	9.1	92000.00	NC	ng/kg

Class=PBDEs , Analyte=BDE 209 , CAS Number=1163195

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	2100000.00	NC	68333	Final	2800000.00	NC	33.3	2450000.00	NC	NG/KG
1<MGD<10	11	10/04/06	68343	Final	3700000.00	NC	68344	Final	220000.00	NC	-94.1	1960000.00	NC	NG/KG
1<MGD<10	19	10/18/06	68355	Final	710000.00	NC	68357	Final	1100000.00	NC	54.9	905000.00	NC	NG/KG
1<MGD<10	28	10/25/06	68317	Final	580000.00	NC	68323	Final	430000.00	NC	-25.9	505000.00	NC	NG/KG
1<MGD<10	32	11/01/06	68361	Final	200000.00	NC	68362	Final	210000.00	NC	5.0	205000.00	NC	NG/KG
10<MGD<100	49	11/10/06	68374	Final	1000000.00	NC	68415	Final	1300000.00	NC	30.0	1150000.00	NC	NG/KG

Legend for NC/ND Indicator: NC=non-censored; ND=not detected

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for Field Duplicates Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=PBDEs , Analyte=BDE 28 , CAS Number=41318756

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	11000.00	NC	68333	Final	13000.00	NC	18.2	12000.00	NC	ng/kg
1<MGD<10	11	10/04/06	68343	Final	4700.00	NC	68344	Final	4200.00	NC	-10.6	4450.00	NC	ng/kg
1<MGD<10	19	10/18/06	68355	Final	6100.00	NC	68357	Final	7600.00	NC	24.6	6850.00	NC	ng/kg
1<MGD<10	28	10/25/06	68317	Final	5600.00	NC	68323	Final	4600.00	NC	-17.9	5100.00	NC	ng/kg
1<MGD<10	32	11/01/06	68361	Final	13000.00	NC	68362	Final	20000.00	NC	53.8	16500.00	NC	ng/kg
10<MGD<100	49	11/10/06	68374	Final	14000.00	NC	68415	Final	17000.00	NC	21.4	15500.00	NC	ng/kg

Class=PBDEs , Analyte=BDE 66 , CAS Number=189084615

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	21000.00	NC	68333	Final	19000.00	NC	-9.5	20000.00	NC	ng/kg
1<MGD<10	11	10/04/06	68343	Final	4500.00	NC	68344	Final	4800.00	NC	6.7	4650.00	NC	ng/kg
1<MGD<10	19	10/18/06	68355	Final	7500.00	NC	68357	Final	7300.00	NC	-2.7	7400.00	NC	ng/kg
1<MGD<10	28	10/25/06	68317	Final	5700.00	NC	68323	Final	4300.00	NC	-24.6	5000.00	NC	ng/kg
1<MGD<10	32	11/01/06	68361	Final	17000.00	NC	68362	Final	22000.00	NC	29.4	19500.00	NC	ng/kg
10<MGD<100	49	11/10/06	68374	Final	19000.00	NC	68415	Final	22000.00	NC	15.8	20500.00	NC	ng/kg

Class=PBDEs , Analyte=BDE 85 , CAS Number=182346210

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	34000.00	NC	68333	Final	44000.00	NC	29.4	39000.00	NC	ng/kg
1<MGD<10	11	10/04/06	68343	Final	8700.00	NC	68344	Final	8500.00	NC	-2.3	8600.00	NC	ng/kg
1<MGD<10	19	10/18/06	68355	Final	11000.00	NC	68357	Final	15000.00	NC	36.4	13000.00	NC	ng/kg
1<MGD<10	28	10/25/06	68317	Final	9200.00	NC	68323	Final	5800.00	NC	-37.0	7500.00	NC	ng/kg
1<MGD<10	32	11/01/06	68361	Final	30000.00	NC	68362	Final	45000.00	NC	50.0	37500.00	NC	ng/kg
10<MGD<100	49	11/10/06	68374	Final	40000.00	NC	68415	Final	49000.00	NC	22.5	44500.00	NC	ng/kg

Class=PBDEs , Analyte=BDE 100 , CAS Number=189084648

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	160000.00	NC	68333	Final	200000.00	NC	25.0	180000.00	NC	ng/kg
1<MGD<10	11	10/04/06	68343	Final	44000.00	NC	68344	Final	40000.00	NC	-9.1	42000.00	NC	ng/kg
1<MGD<10	19	10/18/06	68355	Final	63000.00	NC	68357	Final	89000.00	NC	41.3	76000.00	NC	ng/kg
1<MGD<10	28	10/25/06	68317	Final	51000.00	NC	68323	Final	44000.00	NC	-13.7	47500.00	NC	ng/kg
1<MGD<10	32	11/01/06	68361	Final	140000.00	NC	68362	Final	230000.00	NC	64.3	185000.00	NC	ng/kg
10<MGD<100	49	11/10/06	68374	Final	190000.00	NC	68415	Final	220000.00	NC	15.8	205000.00	NC	ng/kg

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for Field Duplicates Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=PBDEs , Analyte=BDE 138 , CAS Number=182677301

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	9900.00	NC	68333	Final	14000.00	NC	41.4	11950.00	NC	ng/kg
1<MGD<10	11	10/04/06	68343	Final	5000.00	ND	68344	Final	5000.00	ND	0.0	5000.00	ND	ng/kg
1<MGD<10	19	10/18/06	68355	Final	5100.00	ND	68357	Final	5200.00	ND	2.0	5150.00	ND	ng/kg
1<MGD<10	28	10/25/06	68317	Final	5000.00	ND	68323	Final	2200.00	NC	-56.0	3600.00	NC	ng/kg
1<MGD<10	32	11/01/06	68361	Final	6100.00	NC	68362	Final	9600.00	NC	57.4	7850.00	NC	ng/kg
10<MGD<100	49	11/10/06	68374	Final	12000.00	NC	68415	Final	13000.00	NC	8.3	12500.00	NC	ng/kg

Class=PBDEs , Analyte=BDE 154 , CAS Number=207122154

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	68000.00	NC	68333	Final	79000.00	NC	16.2	73500.00	NC	ng/kg
1<MGD<10	11	10/04/06	68343	Final	16000.00	NC	68344	Final	14000.00	NC	-12.5	15000.00	NC	ng/kg
1<MGD<10	19	10/18/06	68355	Final	30000.00	NC	68357	Final	40000.00	NC	33.3	35000.00	NC	ng/kg
1<MGD<10	28	10/25/06	68317	Final	21000.00	NC	68323	Final	17000.00	NC	-19.0	19000.00	NC	ng/kg
1<MGD<10	32	11/01/06	68361	Final	55000.00	NC	68362	Final	87000.00	NC	58.2	71000.00	NC	ng/kg
10<MGD<100	49	11/10/06	68374	Final	72000.00	NC	68415	Final	80000.00	NC	11.1	76000.00	NC	ng/kg

Class=PBDEs , Analyte=BDE 183 , CAS Number=207122165

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	10000.00	NC	68333	Final	12000.00	NC	20.0	11000.00	NC	ng/kg
1<MGD<10	11	10/04/06	68343	Final	7400.00	NC	68344	Final	8200.00	NC	10.8	7800.00	NC	ng/kg
1<MGD<10	19	10/18/06	68355	Final	6900.00	NC	68357	Final	9200.00	NC	33.3	8050.00	NC	ng/kg
1<MGD<10	28	10/25/06	68317	Final	7700.00	NC	68323	Final	6500.00	NC	-15.6	7100.00	NC	ng/kg
1<MGD<10	32	11/01/06	68361	Final	10000.00	NC	68362	Final	16000.00	NC	60.0	13000.00	NC	ng/kg
10<MGD<100	49	11/10/06	68374	Final	14000.00	NC	68415	Final	17000.00	NC	21.4	15500.00	NC	ng/kg

Legend for NC/ND Indicator: NC=non-censored; ND=not detected

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for Multiple Locations Within a Single POTW, and Their Aggregated Result,
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Class=PBDEs , Analyte=BDE 47 , CAS Number=5436431

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	210000.00	NC	68320	Solid 2	73000.00	NC	-65.2	141500.00	NC	ng/kg
1<MGD<10	48	11/09/06	68373	Solid 1	1500000.00	NC	68375	Solid 2	390000.00	NC	-74.0	945000.00	NC	ng/kg
100<MGD	53	11/14/06	68335	Liquid	800000.00	NC	68383	Solid	470000.00	NC	-41.3	635000.00	NC	ng/kg
1<MGD<10	74	03/29/07	68407	Liquid	5000000.00	NC	68406	Solid	600000.00	NC	-88.0	2800000.00	NC	ng/kg

Class=PBDEs , Analyte=BDE 99 , CAS Number=60348609

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	190000.00	NC	68320	Solid 2	64000.00	NC	-66.3	127000.00	NC	ng/kg
1<MGD<10	48	11/09/06	68373	Solid 1	1300000.00	NC	68375	Solid 2	330000.00	NC	-74.6	815000.00	NC	ng/kg
100<MGD	53	11/14/06	68335	Liquid	950000.00	NC	68383	Solid	470000.00	NC	-50.5	710000.00	NC	ng/kg
1<MGD<10	74	03/29/07	68407	Liquid	4000000.00	NC	68406	Solid	500000.00	NC	-87.5	2250000.00	NC	ng/kg

Class=PBDEs , Analyte=BDE 153 , CAS Number=68631492

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	74000.00	NC	68320	Solid 2	28000.00	NC	-62.2	51000.00	NC	ng/kg
1<MGD<10	48	11/09/06	68373	Solid 1	150000.00	NC	68375	Solid 2	27000.00	NC	-82.0	88500.00	NC	ng/kg
100<MGD	53	11/14/06	68335	Liquid	110000.00	NC	68383	Solid	45000.00	NC	-59.1	77500.00	NC	ng/kg
1<MGD<10	74	03/29/07	68407	Liquid	410000.00	NC	68406	Solid	48000.00	NC	-88.3	229000.00	NC	ng/kg

Class=PBDEs , Analyte=BDE 209 , CAS Number=1163195

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	3000000.00	NC	68320	Solid 2	6100000.00	NC	103.3	4550000.00	NC	NG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	1200000.00	NC	68375	Solid 2	490000.00	NC	-59.2	845000.00	NC	NG/KG
100<MGD	53	11/14/06	68335	Liquid	2100000.00	NC	68383	Solid	1000000.00	NC	-52.4	1550000.00	NC	NG/KG
1<MGD<10	74	03/29/07	68407	Liquid	15000000.00	NC	68406	Solid	1600000.00	NC	-89.3	8300000.00	NC	NG/KG

Legend for NC/ND Indicator: NC=non-censored; ND=not detected

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for Analytes Not Subject to In-Depth Analysis

Class=PBDEs , Analyte=BDE 28 , CAS Number=41318756

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	4500.00	NC	68320	Solid 2	2200.00	NC	-51.1	3350.00	NC	ng/kg
1<MGD<10	48	11/09/06	68373	Solid 1	160000.00	NC	68375	Solid 2	7900.00	NC	-95.1	83950.00	NC	ng/kg
100<MGD	53	11/14/06	68335	Liquid	59000.00	NC	68383	Solid	17000.00	NC	-71.2	38000.00	NC	ng/kg
1<MGD<10	74	03/29/07	68407	Liquid	77000.00	NC	68406	Solid	9400.00	NC	-87.8	43200.00	NC	ng/kg

Class=PBDEs , Analyte=BDE 66 , CAS Number=189084615

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	4700.00	NC	68320	Solid 2	1800.00	NC	-61.7	3250.00	NC	ng/kg
1<MGD<10	48	11/09/06	68373	Solid 1	110000.00	NC	68375	Solid 2	10000.00	NC	-90.9	60000.00	NC	ng/kg
100<MGD	53	11/14/06	68335	Liquid	22000.00	NC	68383	Solid	11000.00	NC	-50.0	16500.00	NC	ng/kg
1<MGD<10	74	03/29/07	68407	Liquid	86000.00	NC	68406	Solid	12000.00	NC	-86.0	49000.00	NC	ng/kg

Class=PBDEs , Analyte=BDE 85 , CAS Number=182346210

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	9000.00	NC	68320	Solid 2	3200.00	NC	-64.4	6100.00	NC	ng/kg
1<MGD<10	48	11/09/06	68373	Solid 1	42000.00	NC	68375	Solid 2	13000.00	NC	-69.0	27500.00	NC	ng/kg
100<MGD	53	11/14/06	68335	Liquid	38000.00	NC	68383	Solid	21000.00	NC	-44.7	29500.00	NC	ng/kg
1<MGD<10	74	03/29/07	68407	Liquid	150000.00	NC	68406	Solid	22000.00	NC	-85.3	86000.00	NC	ng/kg

Class=PBDEs , Analyte=BDE 100 , CAS Number=189084648

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	37000.00	NC	68320	Solid 2	13000.00	NC	-64.9	25000.00	NC	ng/kg
1<MGD<10	48	11/09/06	68373	Solid 1	270000.00	NC	68375	Solid 2	68000.00	NC	-74.8	169000.00	NC	ng/kg
100<MGD	53	11/14/06	68335	Liquid	210000.00	NC	68383	Solid	92000.00	NC	-56.2	151000.00	NC	ng/kg
1<MGD<10	74	03/29/07	68407	Liquid	1100000.00	NC	68406	Solid	120000.00	NC	-89.1	610000.00	NC	ng/kg

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for Multiple Locations Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

---------- Class=PBDEs , Analyte=BDE 138 , CAS Number=182677301 ----------

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	16000.00	NC	68320	Solid 2	8500.00	NC	-46.9	12250.00	NC	ng/kg
1<MGD<10	48	11/09/06	68373	Solid 1	15000.00	NC	68375	Solid 2	5400.00	NC	-64.0	10200.00	NC	ng/kg
100<MGD	53	11/14/06	68335	Liquid	5000.00	ND	68383	Solid	7200.00	NC	44.0	6100.00	NC	ng/kg
1<MGD<10	74	03/29/07	68407	Liquid	40000.00	NC	68406	Solid	6200.00	NC	-84.5	23100.00	NC	ng/kg

---------- Class=PBDEs , Analyte=BDE 154 , CAS Number=207122154 ----------

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	40000.00	NC	68320	Solid 2	13000.00	NC	-67.5	26500.00	NC	ng/kg
1<MGD<10	48	11/09/06	68373	Solid 1	130000.00	NC	68375	Solid 2	25000.00	NC	-80.8	77500.00	NC	ng/kg
100<MGD	53	11/14/06	68335	Liquid	95000.00	NC	68383	Solid	39000.00	NC	-58.9	67000.00	NC	ng/kg
1<MGD<10	74	03/29/07	68407	Liquid	440000.00	NC	68406	Solid	50000.00	NC	-88.6	245000.00	NC	ng/kg

---------- Class=PBDEs , Analyte=BDE 183 , CAS Number=207122165 ----------

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	99000.00	NC	68320	Solid 2	87000.00	NC	-12.1	93000.00	NC	ng/kg
1<MGD<10	48	11/09/06	68373	Solid 1	18000.00	NC	68375	Solid 2	6900.00	NC	-61.7	12450.00	NC	ng/kg
100<MGD	53	11/14/06	68335	Liquid	11000.00	NC	68383	Solid	7200.00	NC	-34.5	9100.00	NC	ng/kg
1<MGD<10	74	03/29/07	68407	Liquid	59000.00	NC	68406	Solid	6400.00	NC	-89.2	32700.00	NC	ng/kg

Legend for NC/ND Indicator: NC=non-censored; ND=not detected

Appendix B.2.3

List of Paired Measurements for Pharmaceuticals, Steroids, and Hormones within a POTW, and Their Aggregated Measurements

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for FieldDuplicates Within a Single POTW, and Their Aggregated Result,
for Analytes Subject to In-Depth Analysis

Class=Pharmaceuticals , Analyte=4-EPITETRACYCLINE (ETC) , CAS Number=23313806

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	344.00	NC	68333	Final	455.00	NC	32.3	399.50	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	869.00	NC	68344	Final	1110.00	NC	27.7	989.50	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	1140.00	NC	68357	Final	2010.00	NC	76.3	1575.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	341.00	NC	68323	Final	499.00	NC	46.3	420.00	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	1570.00	NC	68362	Final	1520.00	NC	-3.2	1545.00	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	595.00	NC	68415	Final	714.00	NC	20.0	654.50	NC	UG/KG

Class=Pharmaceuticals , Analyte=AZITHROMYCIN , CAS Number=83905015

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	91.90	NC	68333	Final	101.00	NC	9.9	96.45	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	244.00	NC	68344	Final	268.00	NC	9.8	256.00	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	3880.00	NC	68357	Final	6530.00	NC	68.3	5205.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	106.00	NC	68323	Final	123.00	NC	16.0	114.50	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	80.60	NC	68362	Final	62.30	NC	-22.7	71.45	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	197.00	NC	68415	Final	238.00	NC	20.8	217.50	NC	UG/KG

Class=Pharmaceuticals , Analyte=CARBAMAZEPINE , CAS Number=298464

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	37.60	NC	68333	Final	35.40	NC	-5.9	36.50	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	22.50	NC	68344	Final	24.70	NC	9.8	23.60	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	286.00	NC	68357	Final	421.00	NC	47.2	353.50	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	63.10	NC	68323	Final	75.90	NC	20.3	69.50	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	276.00	NC	68362	Final	247.00	NC	-10.5	261.50	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	80.70	NC	68415	Final	98.30	NC	21.8	89.50	NC	UG/KG

Class=Pharmaceuticals , Analyte=CIMETIDINE , CAS Number=51481619

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	33.40	NC	68333	Final	23.60	NC	-29.3	28.50	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	112.00	NC	68344	Final	241.00	NC	115.2	176.50	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	2600.00	NC	68357	Final	9780.00	NC	276.2	6190.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	109.00	NC	68323	Final	113.00	NC	3.7	111.00	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	308.00	NC	68362	Final	394.00	NC	27.9	351.00	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	451.00	NC	68415	Final	535.00	NC	18.6	493.00	NC	UG/KG

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Listings of Measurements for FieldDuplicates Within a Single POTW, and Their Aggregated Result,
for Analytes Subject to In-Depth Analysis

Class=Pharmaceuticals , Analyte=CIPROFLOXACIN , CAS Number=85721331

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	4410.00	NC	68333	Final	4660.00	NC	5.7	4535.00	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	5560.00	NC	68344	Final	5530.00	NC	-0.5	5545.00	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	28300.00	NC	68357	Final	47500.00	NC	67.8	37900.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	2800.00	NC	68323	Final	4130.00	NC	47.5	3465.00	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	10000.00	NC	68362	Final	10200.00	NC	2.0	10100.00	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	7230.00	NC	68415	Final	7640.00	NC	5.7	7435.00	NC	UG/KG

Class=Pharmaceuticals , Analyte=DIPHENHYDRAMINE , CAS Number=58731

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	2440.00	NC	68333	Final	2420.00	NC	-0.8	2430.00	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	379.00	NC	68344	Final	427.00	NC	12.7	403.00	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	764.00	NC	68357	Final	652.00	NC	-14.7	708.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	781.00	NC	68323	Final	626.00	NC	-19.8	703.50	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	424.00	NC	68362	Final	315.00	NC	-25.7	369.50	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	1400.00	NC	68415	Final	1490.00	NC	6.4	1445.00	NC	UG/KG

Class=Pharmaceuticals , Analyte=DOXYCYCLINE , CAS Number=564250

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	290.00	NC	68333	Final	382.00	NC	31.7	336.00	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	627.00	NC	68344	Final	734.00	NC	17.1	680.50	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	1110.00	NC	68357	Final	932.00	NC	-16.0	1021.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	275.00	NC	68323	Final	449.00	NC	63.3	362.00	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	1230.00	NC	68362	Final	1050.00	NC	-14.6	1140.00	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	559.00	NC	68415	Final	585.00	NC	4.7	572.00	NC	UG/KG

Class=Pharmaceuticals , Analyte=ERYTHROMYCIN-TOTAL , CAS Number=114078

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	6.12	NC	68333	Final	3.91	NC	-36.1	5.02	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	44.90	NC	68344	Final	43.90	NC	-2.2	44.40	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	74.90	NC	68357	Final	104.00	NC	38.9	89.45	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	5.95	NC	68323	Final	10.10	NC	69.7	8.03	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	14.50	NC	68362	Final	79.20	NC	446.2	46.85	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	27.50	NC	68415	Final	22.00	NC	-20.0	24.75	NC	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for FieldDuplicates Within a Single POTW, and Their Aggregated Result,
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Class=Pharmaceuticals , Analyte=FLUOXETINE , CAS Number=54910893

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	302.00	NC	68333	Final	273.00	NC	-9.6	287.50	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	101.00	NC	68344	Final	152.00	NC	50.5	126.50	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	548.00	NC	68357	Final	893.00	NC	63.0	720.50	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	123.00	NC	68323	Final	159.00	NC	29.3	141.00	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	333.00	NC	68362	Final	359.00	NC	7.8	346.00	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	296.00	NC	68415	Final	246.00	NC	-16.9	271.00	NC	UG/KG

Class=Pharmaceuticals , Analyte=MICONAZOLE , CAS Number=22916478

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	512.00	NC	68333	Final	503.00	NC	-1.8	507.50	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	9.73	ND	68344	Final	10.00	ND	2.8	9.87	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	5140.00	NC	68357	Final	5260.00	NC	2.3	5200.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	392.00	NC	68323	Final	415.00	NC	5.9	403.50	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	415.00	NC	68362	Final	14.20	NC	-96.6	214.60	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	88.90	NC	68415	Final	125.00	NC	40.6	106.95	NC	UG/KG

Class=Pharmaceuticals , Analyte=OFLOXACIN , CAS Number=82419361

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	1720.00	NC	68333	Final	2030.00	NC	18.0	1875.00	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	1260.00	NC	68344	Final	1310.00	NC	4.0	1285.00	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	16500.00	NC	68357	Final	22100.00	NC	33.9	19300.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	4880.00	NC	68323	Final	4160.00	NC	-14.8	4520.00	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	6300.00	NC	68362	Final	5630.00	NC	-10.6	5965.00	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	2890.00	NC	68415	Final	3270.00	NC	13.1	3080.00	NC	UG/KG

Class=Pharmaceuticals , Analyte=TETRACYCLINE (TC) , CAS Number=60548

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	361.00	NC	68333	Final	367.00	NC	1.7	364.00	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	899.00	NC	68344	Final	946.00	NC	5.2	922.50	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	1690.00	NC	68357	Final	1730.00	NC	2.4	1710.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	453.00	NC	68323	Final	389.00	NC	-14.1	421.00	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	1920.00	NC	68362	Final	1910.00	NC	-0.5	1915.00	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	616.00	NC	68415	Final	702.00	NC	14.0	659.00	NC	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for FieldDuplicates Within a Single POTW, and Their Aggregated Result,
for Analytes Subject to In-Depth Analysis

Class=Pharmaceuticals , Analyte=TRICLOCARBAN , CAS Number=101202

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	36100.00	NC	68333	Final	32600.00	NC	-9.7	34350.00	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	31700.00	NC	68344	Final	31700.00	NC	0.0	31700.00	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	55700.00	NC	68357	Final	63600.00	NC	14.2	59650.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	8070.00	NC	68323	Final	8580.00	NC	6.3	8325.00	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	21100.00	NC	68362	Final	22700.00	NC	7.6	21900.00	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	14800.00	NC	68415	Final	15700.00	NC	6.1	15250.00	NC	UG/KG

Class=Pharmaceuticals , Analyte=TRICLOSAN , CAS Number=3380345

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	12900.00	NC	68333	Final	14600.00	NC	13.2	13750.00	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	18300.00	NC	68344	Final	26700.00	NC	45.9	22500.00	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	11200.00	NC	68357	Final	16500.00	NC	47.3	13850.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	759.00	NC	68323	Final	717.00	NC	-5.5	738.00	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	19600.00	NC	68362	Final	25700.00	NC	31.1	22650.00	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	13200.00	NC	68415	Final	20000.00	NC	51.5	16600.00	NC	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for FieldDuplicates Within a Single POTW, and Their Aggregated Result,
for Analytes Subject to In-Depth Analysis

Class=Steroids/Hormones , Analyte=BETA STIGMASTANOL , CAS Number=19466478

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	92500.00	NC	68333	Final	101000.00	NC	9.2	96750.00	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	119000.00	NC	68344	Final	140000.00	NC	17.6	129500.00	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	188000.00	NC	68357	Final	480000.00	NC	155.3	334000.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	265000.00	NC	68323	Final	179000.00	NC	-32.5	222000.00	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	473000.00	NC	68362	Final	301000.00	NC	-36.4	387000.00	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	156000.00	NC	68415	Final	161000.00	NC	3.2	158500.00	NC	UG/KG

Class=Steroids/Hormones , Analyte=CAMPESTEROL , CAS Number=474624

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	37300.00	NC	68333	Final	33600.00	NC	-9.9	35450.00	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	173000.00	NC	68344	Final	182000.00	NC	5.2	177500.00	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	118000.00	NC	68357	Final	307000.00	NC	160.2	212500.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	101000.00	NC	68323	Final	101000.00	NC	0.0	101000.00	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	479000.00	NC	68362	Final	167000.00	NC	-65.1	323000.00	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	225000.00	NC	68415	Final	267000.00	NC	18.7	246000.00	NC	UG/KG

Class=Steroids/Hormones , Analyte=CHOLESTANOL , CAS Number=80977

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	317000.00	NC	68333	Final	348000.00	NC	9.8	332500.00	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	283000.00	NC	68344	Final	301000.00	NC	6.4	292000.00	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	517000.00	NC	68357	Final	1490000.00	NC	188.2	1003500.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	437000.00	NC	68323	Final	391000.00	NC	-10.5	414000.00	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	1250000.00	NC	68362	Final	898000.00	NC	-28.2	1074000.00	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	463000.00	NC	68415	Final	431000.00	NC	-6.9	447000.00	NC	UG/KG

Class=Steroids/Hormones , Analyte=CHOLESTEROL , CAS Number=57885

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	343000.00	NC	68333	Final	355000.00	NC	3.5	349000.00	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	2430000.00	NC	68344	Final	2370000.00	NC	-2.5	2400000.00	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	598000.00	NC	68357	Final	1780000.00	NC	197.7	1189000.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	322000.00	NC	68323	Final	322000.00	NC	0.0	322000.00	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	1160000.00	NC	68362	Final	711000.00	NC	-38.7	935500.00	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	740000.00	NC	68415	Final	768000.00	NC	3.8	754000.00	NC	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for FieldDuplicates Within a Single POTW, and Their Aggregated Result,
for Analytes Subject to In-Depth Analysis

Class=Steroids/Hormones , Analyte=COPROSTANOL , CAS Number=360689

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	2150000.00	NC	68333	Final	1860000.00	NC	-13.5	2005000.00	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	4700000.00	NC	68344	Final	4880000.00	NC	3.8	4790000.00	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	975000.00	NC	68357	Final	3380000.00	NC	246.7	2177500.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	1350000.00	NC	68323	Final	1180000.00	NC	-12.6	1265000.00	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	6300000.00	NC	68362	Final	4210000.00	NC	-33.2	5255000.00	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	3610000.00	NC	68415	Final	3150000.00	NC	-12.7	3380000.00	NC	UG/KG

Class=Steroids/Hormones , Analyte=EPICOPROSTANOL , CAS Number=516927

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	407000.00	NC	68333	Final	276000.00	NC	-32.2	341500.00	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	819000.00	NC	68344	Final	937000.00	NC	14.4	878000.00	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	519000.00	NC	68357	Final	1780000.00	NC	243.0	1149500.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	622000.00	NC	68323	Final	523000.00	NC	-15.9	572500.00	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	3970000.00	NC	68362	Final	2850000.00	NC	-28.2	3410000.00	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	2580000.00	NC	68415	Final	2440000.00	NC	-5.4	2510000.00	NC	UG/KG

Class=Steroids/Hormones , Analyte=STIGMASTEROL , CAS Number=83487

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	63300.00	NC	68333	Final	66600.00	NC	5.2	64950.00	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	180000.00	NC	68344	Final	127000.00	NC	-29.4	153500.00	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	331000.00	NC	68357	Final	806000.00	NC	143.5	568500.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	146000.00	NC	68323	Final	113000.00	NC	-22.6	129500.00	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	274000.00	NC	68362	Final	146000.00	NC	-46.7	210000.00	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	120000.00	NC	68415	Final	117000.00	NC	-2.5	118500.00	NC	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for MultipleLocations Within a Single POTW, and Their Aggregated Result,
for Analytes Subject to In-Depth Analysis

Class=Pharmaceuticals , Analyte=4-EPITETRACYCLINE (ETC) , CAS Number=23313806

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	260.00	NC	68320	Solid 2	75.00	NC	-71.2	167.50	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	370.00	NC	68375	Solid 2	79.40	ND	-78.5	224.70	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	85.60	NC	68383	Solid	106.00	NC	23.8	95.80	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	247.00	NC	68406	Solid	118.00	NC	-52.2	182.50	NC	UG/KG

Class=Pharmaceuticals , Analyte=AZITHROMYCIN , CAS Number=83905015

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	871.00	NC	68320	Solid 2	97.60	NC	-88.8	484.30	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	26.50	NC	68375	Solid 2	9.77	ND	-63.1	18.14	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	33.70	NC	68383	Solid	249.00	NC	638.9	141.35	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	4270.00	NC	68406	Solid	156.00	NC	-96.3	2213.00	NC	UG/KG

Class=Pharmaceuticals , Analyte=CARBAMAZEPINE , CAS Number=298464

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	33.70	NC	68320	Solid 2	14.00	NC	-58.5	23.85	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	9.03	ND	68375	Solid 2	10.30	NC	14.1	9.67	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	21.80	NC	68383	Solid	31.00	NC	42.2	26.40	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	6030.00	NC	68406	Solid	133.00	NC	-97.8	3081.50	NC	UG/KG

Class=Pharmaceuticals , Analyte=CIMETIDINE , CAS Number=51481619

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	71.70	NC	68320	Solid 2	4.01	ND	-94.4	37.86	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	10.80	ND	68375	Solid 2	12.70	ND	17.6	11.75	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	13.90	NC	68383	Solid	115.00	NC	727.3	64.45	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	3020.00	NC	68406	Solid	12.80	ND	-99.6	1516.40	NC	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for MultipleLocations Within a Single POTW, and Their Aggregated Result,
for Analytes Subject to In-Depth Analysis

Class=Pharmaceuticals , Analyte=CIPROFLOXACIN , CAS Number=85721331

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	1600.00	NC	68320	Solid 2	304.00	NC	-81.0	952.00	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	1590.00	NC	68375	Solid 2	189.00	NC	-88.1	889.50	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	1120.00	NC	68383	Solid	2800.00	NC	150.0	1960.00	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	17000.00	NC	68406	Solid	3710.00	NC	-78.2	10355.00	NC	UG/KG

Class=Pharmaceuticals , Analyte=DIPHENHYDRAMINE , CAS Number=58731

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	233.00	NC	68320	Solid 2	80.10	NC	-65.6	156.55	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	500.00	NC	68375	Solid 2	73.60	NC	-85.3	286.80	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	170.00	NC	68383	Solid	397.00	NC	133.5	283.50	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	755.00	NC	68406	Solid	363.00	NC	-51.9	559.00	NC	UG/KG

Class=Pharmaceuticals , Analyte=DOXYCYCLINE , CAS Number=564250

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	211.00	NC	68320	Solid 2	39.10	ND	-81.5	125.05	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	70.50	NC	68375	Solid 2	44.30	ND	-37.2	57.40	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	39.40	ND	68383	Solid	151.00	NC	283.2	95.20	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	284.00	NC	68406	Solid	82.00	NC	-71.1	183.00	NC	UG/KG

Class=Pharmaceuticals , Analyte=ERYTHROMYCIN-TOTAL , CAS Number=114078

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	13.70	NC	68320	Solid 2	6.42	NC	-53.1	10.06	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	3.10	NC	68375	Solid 2	1.95	ND	-37.1	2.53	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	1.97	ND	68383	Solid	7.31	NC	271.1	4.64	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	73.90	NC	68406	Solid	3.17	NC	-95.7	38.54	NC	UG/KG

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Class=Pharmaceuticals , Analyte=FLUOXETINE , CAS Number=54910893

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	50.10	NC	68320	Solid 2	12.40	NC	-75.2	31.25	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	33.60	NC	68375	Solid 2	29.30	ND	-12.8	31.45	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	33.50	NC	68383	Solid	69.80	NC	108.4	51.65	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	306.00	NC	68406	Solid	130.00	NC	-57.5	218.00	NC	UG/KG

Class=Pharmaceuticals , Analyte=MICONAZOLE , CAS Number=22916478

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	559.00	NC	68320	Solid 2	368.00	NC	-34.2	463.50	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	267.00	NC	68375	Solid 2	130.00	NC	-51.3	198.50	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	251.00	NC	68383	Solid	436.00	NC	73.7	343.50	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	1730.00	NC	68406	Solid	754.00	NC	-56.4	1242.00	NC	UG/KG

Class=Pharmaceuticals , Analyte=OFLOXACIN , CAS Number=82419361

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	1480.00	NC	68320	Solid 2	478.00	NC	-67.7	979.00	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	954.00	NC	68375	Solid 2	73.90	NC	-92.3	513.95	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	879.00	NC	68383	Solid	4970.00	NC	465.4	2924.50	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	20600.00	NC	68406	Solid	4170.00	NC	-79.8	12385.00	NC	UG/KG

Class=Pharmaceuticals , Analyte=TETRACYCLINE (TC) , CAS Number=60548

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	180.00	NC	68320	Solid 2	60.30	NC	-66.5	120.15	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	297.00	NC	68375	Solid 2	46.50	ND	-84.3	171.75	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	62.90	NC	68383	Solid	117.00	NC	86.0	89.95	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	198.00	NC	68406	Solid	82.00	NC	-58.6	140.00	NC	UG/KG

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Listings of Measurements for MultipleLocations Within a Single POTW, and Their Aggregated Result,
for Analytes Subject to In-Depth Analysis

Class=Pharmaceuticals , Analyte=TRICLOCARBAN , CAS Number=101202

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	11200.00	NC	68320	Solid 2	3300.00	NC	-70.5	7250.00	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	20100.00	NC	68375	Solid 2	256.00	NC	-98.7	10178.00	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	32100.00	NC	68383	Solid	16900.00	NC	-47.4	24500.00	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	78900.00	NC	68406	Solid	33000.00	NC	-58.2	55950.00	NC	UG/KG

Class=Pharmaceuticals , Analyte=TRICLOSAN , CAS Number=3380345

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	8000.00	NC	68320	Solid 2	2640.00	NC	-67.0	5320.00	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	3020.00	NC	68375	Solid 2	8310.00	NC	175.2	5665.00	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	661.00	NC	68383	Solid	1190.00	NC	80.0	925.50	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	37500.00	NC	68406	Solid	1820.00	NC	-95.1	19660.00	NC	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for MultipleLocations Within a Single POTW, and Their Aggregated Result,
for Analytes Subject to In-Depth Analysis

Class=Steroids/Hormones , Analyte=BETA STIGMASTANOL , CAS Number=19466478

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	34300.00	NC	68320	Solid 2	8000.00	NC	-76.7	21150.00	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	93500.00	NC	68375	Solid 2	37700.00	NC	-59.7	65600.00	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	40100.00	NC	68383	Solid	75100.00	NC	87.3	57600.00	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	818000.00	NC	68406	Solid	16500.00	NC	-98.0	417250.00	NC	UG/KG

Class=Steroids/Hormones , Analyte=CAMPESTEROL , CAS Number=474624

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	65900.00	NC	68320	Solid 2	15800.00	NC	-76.0	40850.00	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	32000.00	NC	68375	Solid 2	36900.00	NC	15.3	34450.00	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	19100.00	NC	68383	Solid	48700.00	NC	155.0	33900.00	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	494000.00	NC	68406	Solid	23300.00	NC	-95.3	258650.00	NC	UG/KG

Class=Steroids/Hormones , Analyte=CHOLESTANOL , CAS Number=80977

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	66300.00	NC	68320	Solid 2	14800.00	NC	-77.7	40550.00	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	198000.00	NC	68375	Solid 2	36400.00	NC	-81.6	117200.00	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	56200.00	NC	68383	Solid	326000.00	NC	480.1	191100.00	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	2090000.00	NC	68406	Solid	36000.00	NC	-98.3	1063000.00	NC	UG/KG

Class=Steroids/Hormones , Analyte=CHOLESTEROL , CAS Number=57885

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	852000.00	NC	68320	Solid 2	266000.00	NC	-68.8	559000.00	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	33600.00	NC	68375	Solid 2	222000.00	NC	560.7	127800.00	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	4610.00	ND	68383	Solid	328000.00	NC	7015.0	166305.00	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	1000000.00	NC	68406	Solid	21900.00	NC	-97.8	510950.00	NC	UG/KG

Class=Steroids/Hormones , Analyte=COPROSTANOL , CAS Number=360689

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	1220000.00	NC	68320	Solid 2	385000.00	NC	-68.4	802500.00	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	324000.00	NC	68375	Solid 2	1440000.00	NC	344.4	882000.00	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	267000.00	NC	68383	Solid	1600000.00	NC	499.3	933500.00	NC	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for MultipleLocations Within a Single POTW, and Their Aggregated Result,
for Analytes Subject to In-Depth Analysis

Class=Steroids/Hormones , Analyte=COPROSTANOL , CAS Number=360689 (continued)

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	74	03/29/07	68407	Liquid	8350000.00	NC	68406	Solid	209000.00	NC	-97.5	4279500.00	NC	UG/KG

Class=Steroids/Hormones , Analyte=EPICOPROSTANOL , CAS Number=516927

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	25000.00	NC	68320	Solid 2	10700.00	NC	-57.2	17850.00	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	220000.00	NC	68375	Solid 2	244000.00	NC	10.9	232000.00	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	303000.00	NC	68383	Solid	580000.00	NC	91.4	441500.00	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	5070000.00	NC	68406	Solid	208000.00	NC	-95.9	2639000.00	NC	UG/KG

Class=Steroids/Hormones , Analyte=STIGMASTEROL , CAS Number=83487

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	152000.00	NC	68320	Solid 2	67300.00	NC	-55.7	109650.00	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	472.00	ND	68375	Solid 2	492.00	ND	4.2	482.00	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	18500.00	NC	68383	Solid	74800.00	NC	304.3	46650.00	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	402000.00	NC	68406	Solid	553.00	ND	-99.9	201276.50	NC	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for FieldDuplicates Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=Pharmaceuticals , Analyte=1,7-DIMETHYLXANTHINE , CAS Number=611596

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	935.00	ND	68333	Final	912.00	ND	-2.5	923.50	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	973.00	ND	68344	Final	1000.00	ND	2.8	986.50	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	1610.00	ND	68357	Final	1330.00	ND	-17.4	1470.00	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	1050.00	ND	68323	Final	1110.00	ND	5.7	1080.00	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	588.00	ND	68362	Final	461.00	ND	-21.6	524.50	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	969.00	ND	68415	Final	1020.00	ND	5.3	994.50	ND	UG/KG

Class=Pharmaceuticals , Analyte=4-EPIANHYDROCHLORTETRACYCLINE (EACTC) , CAS Number=158018532

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	374.00	ND	68333	Final	379.00	ND	1.3	376.50	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	389.00	ND	68344	Final	402.00	ND	3.3	395.50	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	645.00	ND	68357	Final	705.00	ND	9.3	675.00	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	420.00	ND	68323	Final	443.00	ND	5.5	431.50	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	235.00	ND	68362	Final	185.00	ND	-21.3	210.00	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	388.00	ND	68415	Final	407.00	ND	4.9	397.50	ND	UG/KG

Class=Pharmaceuticals , Analyte=4-EPIANHYDROTETRACYCLINE (EATC) , CAS Number=4465650

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	99.60	ND	68333	Final	203.00	NC	103.8	151.30	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	163.00	NC	68344	Final	159.00	NC	-2.5	161.00	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	472.00	NC	68357	Final	681.00	NC	44.3	576.50	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	105.00	ND	68323	Final	111.00	ND	5.7	108.00	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	292.00	NC	68362	Final	416.00	NC	42.5	354.00	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	155.00	NC	68415	Final	147.00	NC	-5.2	151.00	NC	UG/KG

Class=Pharmaceuticals , Analyte=4-EPICHLORTETRACYCLINE (ECTC) , CAS Number=14297939

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	136.00	ND	68333	Final	159.00	ND	16.9	147.50	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	97.30	ND	68344	Final	100.00	ND	2.8	98.65	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	161.00	ND	68357	Final	160.00	ND	-0.6	160.50	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	105.00	ND	68323	Final	111.00	ND	5.7	108.00	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	58.80	ND	68362	Final	46.10	ND	-21.6	52.45	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	96.90	ND	68415	Final	102.00	ND	5.3	99.45	ND	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for FieldDuplicates Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=Pharmaceuticals , Analyte=4-EPIOXYTETRACYCLINE (EOTC) , CAS Number=14206587

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	45.10	ND	68333	Final	73.70	ND	63.4	59.40	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	38.90	ND	68344	Final	40.20	ND	3.3	39.55	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	64.50	ND	68357	Final	53.20	ND	-17.5	58.85	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	42.00	ND	68323	Final	44.30	ND	5.5	43.15	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	23.50	ND	68362	Final	18.50	ND	-21.3	21.00	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	43.70	NC	68415	Final	40.70	ND	-6.9	42.20	NC	UG/KG

Class=Pharmaceuticals , Analyte=ACETAMINOPHEN , CAS Number=103902

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	374.00	ND	68333	Final	365.00	ND	-2.4	369.50	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	389.00	ND	68344	Final	402.00	ND	3.3	395.50	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	645.00	ND	68357	Final	1370.00	ND	112.4	1007.50	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	420.00	ND	68323	Final	443.00	ND	5.5	431.50	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	241.00	ND	68362	Final	188.00	ND	-22.0	214.50	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	388.00	ND	68415	Final	407.00	ND	4.9	397.50	ND	UG/KG

Class=Pharmaceuticals , Analyte=ALBUTEROL , CAS Number=18559949

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	5.70	ND	68333	Final	5.47	ND	-4.0	5.59	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	1.93	ND	68344	Final	2.10	ND	8.8	2.02	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	9.74	ND	68357	Final	23.20	NC	138.2	16.47	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	2.11	ND	68323	Final	2.19	ND	3.8	2.15	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	1.17	ND	68362	Final	0.93	ND	-20.7	1.05	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	5.80	ND	68415	Final	6.11	ND	5.3	5.96	ND	UG/KG

Class=Pharmaceuticals , Analyte=ANHYDROCHLORTETRACYCLINE (ACTC) , CAS Number=4497089

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	119.00	ND	68333	Final	127.00	ND	6.7	123.00	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	119.00	ND	68344	Final	130.00	ND	9.2	124.50	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	187.00	ND	68357	Final	346.00	ND	85.0	266.50	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	125.00	ND	68323	Final	111.00	ND	-11.2	118.00	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	72.50	ND	68362	Final	54.50	ND	-24.8	63.50	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	96.90	ND	68415	Final	103.00	ND	6.3	99.95	ND	UG/KG

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Class=Pharmaceuticals , Analyte=ANHYDROTETRACYCLINE (ATC) , CAS Number=4496859

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	93.50	ND	68333	Final	171.00	NC	82.9	132.25	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	141.00	NC	68344	Final	126.00	NC	-10.6	133.50	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	365.00	NC	68357	Final	503.00	NC	37.8	434.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	131.00	NC	68323	Final	114.00	NC	-13.0	122.50	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	345.00	NC	68362	Final	433.00	NC	25.5	389.00	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	246.00	NC	68415	Final	211.00	NC	-14.2	228.50	NC	UG/KG

Class=Pharmaceuticals , Analyte=CAFFEINE , CAS Number=58082

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	93.50	ND	68333	Final	91.20	ND	-2.5	92.35	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	494.00	NC	68344	Final	476.00	NC	-3.6	485.00	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	426.00	NC	68357	Final	909.00	NC	113.4	667.50	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	105.00	ND	68323	Final	111.00	ND	5.7	108.00	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	80.70	NC	68362	Final	65.10	NC	-19.3	72.90	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	96.90	ND	68415	Final	102.00	ND	5.3	99.45	ND	UG/KG

Class=Pharmaceuticals , Analyte=CARBADOX , CAS Number=6804075

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	9.35	ND	68333	Final	9.12	ND	-2.5	9.24	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	9.73	ND	68344	Final	10.00	ND	2.8	9.87	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	24.20	ND	68357	Final	13.30	ND	-45.0	18.75	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	10.50	ND	68323	Final	11.10	ND	5.7	10.80	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	5.88	ND	68362	Final	4.61	ND	-21.6	5.25	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	9.69	ND	68415	Final	10.20	ND	5.3	9.95	ND	UG/KG

Class=Pharmaceuticals , Analyte=CEFOTAXIME , CAS Number=63527526

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	38.20	ND	68333	Final	36.50	ND	-4.5	37.35	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	54.20	ND	68344	Final	40.20	ND	-25.8	47.20	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	190.00	ND	68357	Final	176.00	ND	-7.4	183.00	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	42.00	ND	68323	Final	100.00	ND	138.1	71.00	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	33.80	ND	68362	Final	33.10	ND	-2.1	33.45	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	82.10	ND	68415	Final	80.70	ND	-1.7	81.40	ND	UG/KG

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Class=Pharmaceuticals , Analyte=CHLORTETRACYCLINE (CTC) , CAS Number=57625

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	46.00	ND	68333	Final	52.20	ND	13.5	49.10	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	38.90	ND	68344	Final	40.20	ND	3.3	39.55	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	64.50	ND	68357	Final	53.20	ND	-17.5	58.85	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	42.00	ND	68323	Final	44.30	ND	5.5	43.15	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	23.50	ND	68362	Final	18.50	ND	-21.3	21.00	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	38.80	ND	68415	Final	40.70	ND	4.9	39.75	ND	UG/KG

Class=Pharmaceuticals , Analyte=CLARITHROMYCIN , CAS Number=81103119

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	9.35	ND	68333	Final	9.12	ND	-2.5	9.24	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	37.40	NC	68344	Final	46.00	NC	23.0	41.70	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	105.00	NC	68357	Final	127.00	NC	21.0	116.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	10.50	ND	68323	Final	11.10	ND	5.7	10.80	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	5.88	ND	68362	Final	4.61	ND	-21.6	5.25	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	12.10	NC	68415	Final	12.90	NC	6.6	12.50	NC	UG/KG

Class=Pharmaceuticals , Analyte=CLINAFLOXACIN , CAS Number=105956976

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	37.40	ND	68333	Final	36.50	ND	-2.4	36.95	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	42.90	ND	68344	Final	40.20	ND	-6.3	41.55	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	127.00	ND	68357	Final	305.00	ND	140.2	216.00	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	42.00	ND	68323	Final	44.30	ND	5.5	43.15	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	43.40	ND	68362	Final	25.30	ND	-41.7	34.35	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	43.40	ND	68415	Final	50.20	ND	15.7	46.80	ND	UG/KG

Class=Pharmaceuticals , Analyte=CLOXACILLIN , CAS Number=61723

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	18.70	ND	68333	Final	18.20	ND	-2.7	18.45	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	19.50	ND	68344	Final	20.10	ND	3.1	19.80	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	44.40	ND	68357	Final	46.40	ND	4.5	45.40	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	21.00	ND	68323	Final	22.20	ND	5.7	21.60	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	11.80	ND	68362	Final	9.23	ND	-21.8	10.52	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	19.40	ND	68415	Final	20.30	ND	4.6	19.85	ND	UG/KG

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Class=Pharmaceuticals , Analyte=CODEINE , CAS Number=76573

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	18.70	ND	68333	Final	18.20	ND	-2.7	18.45	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	19.50	ND	68344	Final	20.10	ND	3.1	19.80	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	95.30	NC	68357	Final	142.00	NC	49.0	118.65	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	21.00	ND	68323	Final	22.20	ND	5.7	21.60	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	11.80	ND	68362	Final	9.59	NC	-18.7	10.70	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	19.40	ND	68415	Final	20.30	ND	4.6	19.85	ND	UG/KG

Class=Pharmaceuticals , Analyte=COTININE , CAS Number=486566

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	18.90	NC	68333	Final	17.10	NC	-9.5	18.00	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	18.90	NC	68344	Final	21.00	NC	11.1	19.95	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	167.00	NC	68357	Final	104.00	ND	-37.7	135.50	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	10.50	ND	68323	Final	11.10	ND	5.7	10.80	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	15.00	NC	68362	Final	11.40	NC	-24.0	13.20	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	18.10	NC	68415	Final	21.90	NC	21.0	20.00	NC	UG/KG

Class=Pharmaceuticals , Analyte=DEHYDRONIFEDIPINE , CAS Number=67035227

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	3.74	ND	68333	Final	3.65	ND	-2.4	3.70	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	4.52	NC	68344	Final	5.98	NC	32.3	5.25	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	18.70	NC	68357	Final	24.60	NC	31.6	21.65	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	4.20	ND	68323	Final	4.43	ND	5.5	4.32	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	2.35	ND	68362	Final	1.85	ND	-21.3	2.10	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	3.88	ND	68415	Final	4.07	ND	4.9	3.98	ND	UG/KG

Class=Pharmaceuticals , Analyte=DEMECLOCYCLINE , CAS Number=127333

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	93.50	ND	68333	Final	91.20	ND	-2.5	92.35	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	97.30	ND	68344	Final	100.00	ND	2.8	98.65	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	161.00	ND	68357	Final	133.00	ND	-17.4	147.00	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	105.00	ND	68323	Final	111.00	ND	5.7	108.00	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	58.80	ND	68362	Final	46.10	ND	-21.6	52.45	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	96.90	ND	68415	Final	102.00	ND	5.3	99.45	ND	UG/KG

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Class=Pharmaceuticals , Analyte=DIGOXIGENIN , CAS Number=1672464

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	37.40	ND	68333	Final	36.50	ND	-2.4	36.95	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	47.00	ND	68344	Final	40.20	ND	-14.5	43.60	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	118.00	ND	68357	Final	160.00	ND	35.6	139.00	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	42.00	ND	68323	Final	44.30	ND	5.5	43.15	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	23.50	ND	68362	Final	18.50	ND	-21.3	21.00	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	38.80	ND	68415	Final	40.70	ND	4.9	39.75	ND	UG/KG

Class=Pharmaceuticals , Analyte=DIGOXIN , CAS Number=20830755

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	93.50	ND	68333	Final	91.20	ND	-2.5	92.35	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	97.30	ND	68344	Final	100.00	ND	2.8	98.65	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	305.00	ND	68357	Final	410.00	ND	34.4	357.50	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	105.00	ND	68323	Final	111.00	ND	5.7	108.00	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	58.80	ND	68362	Final	46.10	ND	-21.6	52.45	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	154.00	ND	68415	Final	102.00	ND	-33.8	128.00	ND	UG/KG

Class=Pharmaceuticals , Analyte=DILTIAZEM , CAS Number=42399417

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	2.38	NC	68333	Final	3.36	NC	41.2	2.87	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	56.80	NC	68344	Final	33.90	NC	-40.3	45.35	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	20.60	NC	68357	Final	28.70	NC	39.3	24.65	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	2.10	ND	68323	Final	3.38	NC	61.0	2.74	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	2.23	NC	68362	Final	1.39	NC	-37.7	1.81	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	24.00	NC	68415	Final	23.30	NC	-2.9	23.65	NC	UG/KG

Class=Pharmaceuticals , Analyte=ENROFLOXACIN , CAS Number=93106606

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	18.70	ND	68333	Final	18.20	ND	-2.7	18.45	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	19.50	ND	68344	Final	20.10	ND	3.1	19.80	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	40.70	NC	68357	Final	49.20	NC	20.9	44.95	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	21.00	ND	68323	Final	22.20	ND	5.7	21.60	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	12.10	NC	68362	Final	13.00	NC	7.4	12.55	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	19.40	ND	68415	Final	20.30	ND	4.6	19.85	ND	UG/KG

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Class=Pharmaceuticals , Analyte=FLUMEQUINE , CAS Number=42835256

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	9.35	ND	68333	Final	9.12	ND	-2.5	9.24	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	9.73	ND	68344	Final	10.00	ND	2.8	9.87	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	16.10	ND	68357	Final	13.30	ND	-17.4	14.70	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	10.50	ND	68323	Final	11.10	ND	5.7	10.80	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	5.88	ND	68362	Final	4.61	ND	-21.6	5.25	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	9.69	ND	68415	Final	10.20	ND	5.3	9.95	ND	UG/KG

Class=Pharmaceuticals , Analyte=GEMFIBROZIL , CAS Number=25812300

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	97.80	NC	68333	Final	85.80	NC	-12.3	91.80	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	196.00	NC	68344	Final	212.00	NC	8.2	204.00	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	94.10	NC	68357	Final	198.00	NC	110.4	146.05	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	98.60	NC	68323	Final	102.00	NC	3.4	100.30	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	110.00	NC	68362	Final	105.00	NC	-4.5	107.50	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	119.00	NC	68415	Final	116.00	NC	-2.5	117.50	NC	UG/KG

Class=Pharmaceuticals , Analyte=IBUPROFEN , CAS Number=15687271

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	140.00	NC	68333	Final	137.00	NC	-2.1	138.50	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	980.00	NC	68344	Final	1130.00	NC	15.3	1055.00	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	941.00	NC	68357	Final	3710.00	NC	294.3	2325.50	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	105.00	ND	68323	Final	111.00	ND	5.7	108.00	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	360.00	NC	68362	Final	371.00	NC	3.1	365.50	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	236.00	NC	68415	Final	236.00	NC	0.0	236.00	NC	UG/KG

Class=Pharmaceuticals , Analyte=ISOCHLORTETRACYCLINE (ICTC) , CAS Number=514534

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	37.40	ND	68333	Final	36.50	ND	-2.4	36.95	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	38.90	ND	68344	Final	40.20	ND	3.3	39.55	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	64.50	ND	68357	Final	53.20	ND	-17.5	58.85	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	42.00	ND	68323	Final	44.30	ND	5.5	43.15	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	23.50	ND	68362	Final	18.50	ND	-21.3	21.00	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	38.80	ND	68415	Final	40.70	ND	4.9	39.75	ND	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for FieldDuplicates Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=Pharmaceuticals , Analyte=LINCOMYCIN , CAS Number=154212

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	18.70	ND	68333	Final	18.20	ND	-2.7	18.45	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	19.50	ND	68344	Final	20.10	ND	3.1	19.80	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	75.40	ND	68357	Final	94.80	ND	25.7	85.10	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	21.00	ND	68323	Final	22.20	ND	5.7	21.60	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	11.80	ND	68362	Final	13.90	NC	17.8	12.85	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	19.40	ND	68415	Final	21.90	ND	12.9	20.65	ND	UG/KG

Class=Pharmaceuticals , Analyte=LOMEFLOXACIN , CAS Number=98079517

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	18.70	ND	68333	Final	18.20	ND	-2.7	18.45	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	19.50	ND	68344	Final	20.10	ND	3.1	19.80	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	32.30	ND	68357	Final	26.60	ND	-17.6	29.45	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	21.00	ND	68323	Final	22.20	ND	5.7	21.60	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	11.80	ND	68362	Final	9.23	ND	-21.8	10.52	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	19.40	ND	68415	Final	20.30	ND	4.6	19.85	ND	UG/KG

Class=Pharmaceuticals , Analyte=METFORMIN , CAS Number=657249

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	570.00	ND	68333	Final	547.00	ND	-4.0	558.50	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	193.00	ND	68344	Final	199.00	ND	3.1	196.00	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	1030.00	ND	68357	Final	1400.00	ND	35.9	1215.00	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	211.00	ND	68323	Final	219.00	ND	3.8	215.00	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	117.00	ND	68362	Final	92.80	ND	-20.7	104.90	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	580.00	ND	68415	Final	611.00	ND	5.3	595.50	ND	UG/KG

Class=Pharmaceuticals , Analyte=MINOCYCLINE , CAS Number=10118908

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	.	ND	68333	Final	.	ND	.	.	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	416.00	NC	68344	Final	456.00	NC	9.6	436.00	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	645.00	ND	68357	Final	532.00	ND	-17.5	588.50	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	420.00	ND	68323	Final	443.00	ND	5.5	431.50	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	785.00	NC	68362	Final	826.00	NC	5.2	805.50	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	433.00	NC	68415	Final	407.00	NC	-6.0	420.00	NC	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for FieldDuplicates Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=Pharmaceuticals , Analyte=NAPROXEN , CAS Number=22204531

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	61.70	NC	68333	Final	54.70	NC	-11.3	58.20	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	318.00	NC	68344	Final	358.00	NC	12.6	338.00	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	73.00	NC	68357	Final	149.00	NC	104.1	111.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	21.00	ND	68323	Final	22.20	ND	5.7	21.60	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	73.20	NC	68362	Final	62.70	NC	-14.3	67.95	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	34.40	ND	68415	Final	25.50	NC	-25.9	29.95	NC	UG/KG

Class=Pharmaceuticals , Analyte=NORFLOXACIN , CAS Number=70458967

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	93.50	ND	68333	Final	91.20	ND	-2.5	92.35	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	105.00	NC	68344	Final	126.00	NC	20.0	115.50	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	701.00	NC	68357	Final	1290.00	NC	84.0	995.50	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	105.00	ND	68323	Final	111.00	ND	5.7	108.00	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	286.00	NC	68362	Final	281.00	NC	-1.7	283.50	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	96.90	ND	68415	Final	102.00	ND	5.3	99.45	ND	UG/KG

Class=Pharmaceuticals , Analyte=NORGESTIMATE , CAS Number=35189287

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	18.70	ND	68333	Final	18.20	ND	-2.7	18.45	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	19.50	ND	68344	Final	21.40	ND	9.7	20.45	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	63.60	ND	68357	Final	48.60	ND	-23.6	56.10	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	21.00	ND	68323	Final	22.20	ND	5.7	21.60	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	11.80	ND	68362	Final	9.23	ND	-21.8	10.52	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	19.40	ND	68415	Final	20.30	ND	4.6	19.85	ND	UG/KG

Class=Pharmaceuticals , Analyte=ORMETOPRIM , CAS Number=6981186

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	3.74	ND	68333	Final	3.65	ND	-2.4	3.70	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	3.89	ND	68344	Final	4.02	ND	3.3	3.96	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	6.45	ND	68357	Final	5.32	ND	-17.5	5.89	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	4.20	ND	68323	Final	4.43	ND	5.5	4.32	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	2.35	ND	68362	Final	1.85	ND	-21.3	2.10	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	3.88	ND	68415	Final	4.07	ND	4.9	3.98	ND	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for FieldDuplicates Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=Pharmaceuticals , Analyte=OXACILLIN , CAS Number=66795

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	18.70	ND	68333	Final	18.20	ND	-2.7	18.45	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	19.50	ND	68344	Final	20.10	ND	3.1	19.80	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	32.30	ND	68357	Final	26.60	ND	-17.6	29.45	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	21.00	ND	68323	Final	22.20	ND	5.7	21.60	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	11.80	ND	68362	Final	9.23	ND	-21.8	10.52	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	19.40	ND	68415	Final	20.30	ND	4.6	19.85	ND	UG/KG

Class=Pharmaceuticals , Analyte=OXOLINIC ACID , CAS Number=14698294

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	3.74	ND	68333	Final	3.65	ND	-2.4	3.70	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	3.89	ND	68344	Final	5.16	ND	32.6	4.53	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	6.45	ND	68357	Final	5.32	ND	-17.5	5.89	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	4.20	ND	68323	Final	4.43	ND	5.5	4.32	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	5.57	ND	68362	Final	5.35	ND	-3.9	5.46	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	4.72	ND	68415	Final	6.47	ND	37.1	5.60	ND	UG/KG

Class=Pharmaceuticals , Analyte=OXYTETRACYCLINE (OTC) , CAS Number=79572

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	38.50	NC	68333	Final	39.80	ND	3.4	39.15	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	38.90	ND	68344	Final	40.20	ND	3.3	39.55	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	64.50	ND	68357	Final	53.20	ND	-17.5	58.85	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	42.00	ND	68323	Final	44.30	ND	5.5	43.15	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	23.50	ND	68362	Final	18.60	NC	-20.9	21.05	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	84.50	NC	68415	Final	92.50	NC	9.5	88.50	NC	UG/KG

Class=Pharmaceuticals , Analyte=PENICILLIN G , CAS Number=61336

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	18.70	ND	68333	Final	18.20	ND	-2.7	18.45	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	19.50	ND	68344	Final	20.10	ND	3.1	19.80	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	32.30	ND	68357	Final	26.60	ND	-17.6	29.45	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	21.00	ND	68323	Final	22.20	ND	5.7	21.60	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	11.80	ND	68362	Final	9.23	ND	-21.8	10.52	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	19.40	ND	68415	Final	20.30	ND	4.6	19.85	ND	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for FieldDuplicates Within a Single POTW, and Their Aggregated Result,
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Class=Pharmaceuticals , Analyte=PENICILLIN V , CAS Number=87081

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	37.40	ND	68333	Final	36.50	ND	-2.4	36.95	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	38.90	ND	68344	Final	40.20	ND	3.3	39.55	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	64.50	ND	68357	Final	53.20	ND	-17.5	58.85	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	42.00	ND	68323	Final	44.30	ND	5.5	43.15	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	23.50	ND	68362	Final	18.50	ND	-21.3	21.00	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	38.80	ND	68415	Final	40.70	ND	4.9	39.75	ND	UG/KG

Class=Pharmaceuticals , Analyte=RANITIDINE , CAS Number=66357355

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	11.40	ND	68333	Final	10.90	ND	-4.4	11.15	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	5.81	ND	68344	Final	9.48	NC	63.2	7.65	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	28.10	NC	68357	Final	115.00	NC	309.3	71.55	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	4.21	ND	68323	Final	4.39	ND	4.3	4.30	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	3.83	NC	68362	Final	3.91	NC	2.1	3.87	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	11.60	ND	68415	Final	12.20	ND	5.2	11.90	ND	UG/KG

Class=Pharmaceuticals , Analyte=ROXITHROMYCIN , CAS Number=80214831

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	4.70	ND	68333	Final	6.48	ND	37.9	5.59	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	21.90	NC	68344	Final	22.80	NC	4.1	22.35	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	13.70	ND	68357	Final	16.10	ND	17.5	14.90	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	2.72	ND	68323	Final	2.22	ND	-18.4	2.47	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	7.06	ND	68362	Final	6.76	ND	-4.2	6.91	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	10.40	ND	68415	Final	15.20	ND	46.2	12.80	ND	UG/KG

Class=Pharmaceuticals , Analyte=SARAFLOXACIN , CAS Number=98105998

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	85.20	ND	68333	Final	83.20	ND	-2.3	84.20	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	88.70	ND	68344	Final	91.60	ND	3.3	90.15	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	466.00	ND	68357	Final	695.00	ND	49.1	580.50	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	95.80	ND	68323	Final	101.00	ND	5.4	98.40	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	90.40	ND	68362	Final	72.20	ND	-20.1	81.30	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	88.40	ND	68415	Final	92.70	ND	4.9	90.55	ND	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for FieldDuplicates Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

----------Class=Pharmaceuticals , Analyte=SULFACHLOROPYRIDAZINE , CAS Number=80320 ----------

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	9.35	ND	68333	Final	9.12	ND	-2.5	9.24	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	9.73	ND	68344	Final	10.00	ND	2.8	9.87	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	16.10	ND	68357	Final	35.90	NC	123.0	26.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	10.50	ND	68323	Final	11.10	ND	5.7	10.80	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	5.88	ND	68362	Final	4.61	ND	-21.6	5.25	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	9.69	ND	68415	Final	10.20	ND	5.3	9.95	ND	UG/KG

----------Class=Pharmaceuticals , Analyte=SULFADIAZINE , CAS Number=68359 ----------

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	9.35	ND	68333	Final	9.12	ND	-2.5	9.24	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	9.73	ND	68344	Final	10.00	ND	2.8	9.87	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	16.10	ND	68357	Final	13.30	ND	-17.4	14.70	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	10.50	ND	68323	Final	11.10	ND	5.7	10.80	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	5.88	ND	68362	Final	4.61	ND	-21.6	5.25	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	9.69	ND	68415	Final	10.20	ND	5.3	9.95	ND	UG/KG

----------Class=Pharmaceuticals , Analyte=SULFADIMETHOXINE , CAS Number=122112 ----------

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	1.87	ND	68333	Final	1.82	ND	-2.7	1.85	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	1.95	ND	68344	Final	2.01	ND	3.1	1.98	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	4.46	NC	68357	Final	18.90	ND	323.8	11.68	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	2.10	ND	68323	Final	2.22	ND	5.7	2.16	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	1.39	ND	68362	Final	0.92	ND	-33.6	1.16	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	3.96	ND	68415	Final	2.58	ND	-34.8	3.27	ND	UG/KG

----------Class=Pharmaceuticals , Analyte=SULFAMERAZINE , CAS Number=127797 ----------

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	3.74	ND	68333	Final	3.65	ND	-2.4	3.70	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	3.89	ND	68344	Final	4.02	ND	3.3	3.96	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	6.58	ND	68357	Final	12.90	ND	96.0	9.74	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	4.20	ND	68323	Final	4.43	ND	5.5	4.32	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	2.35	ND	68362	Final	1.85	ND	-21.3	2.10	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	3.88	ND	68415	Final	4.07	ND	4.9	3.98	ND	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for FieldDuplicates Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=Pharmaceuticals , Analyte=SULFAMETHAZINE , CAS Number=57681

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	3.74	ND	68333	Final	3.65	ND	-2.4	3.70	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	4.31	ND	68344	Final	4.97	ND	15.3	4.64	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	23.10	ND	68357	Final	18.50	ND	-19.9	20.80	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	4.20	ND	68323	Final	4.43	ND	5.5	4.32	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	4.44	ND	68362	Final	3.73	ND	-16.0	4.09	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	3.88	ND	68415	Final	4.07	ND	4.9	3.98	ND	UG/KG

Class=Pharmaceuticals , Analyte=SULFAMETHIZOLE , CAS Number=144821

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	3.74	ND	68333	Final	3.65	ND	-2.4	3.70	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	3.89	ND	68344	Final	4.02	ND	3.3	3.96	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	8.71	ND	68357	Final	16.70	ND	91.7	12.71	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	4.20	ND	68323	Final	4.43	ND	5.5	4.32	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	2.35	ND	68362	Final	1.85	ND	-21.3	2.10	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	3.88	ND	68415	Final	4.07	ND	4.9	3.98	ND	UG/KG

Class=Pharmaceuticals , Analyte=SULFAMETHOXAZOLE , CAS Number=723466

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	3.74	ND	68333	Final	3.65	ND	-2.4	3.70	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	3.89	ND	68344	Final	4.02	ND	3.3	3.96	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	12.50	NC	68357	Final	22.30	NC	78.4	17.40	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	4.20	ND	68323	Final	4.43	ND	5.5	4.32	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	2.35	ND	68362	Final	1.85	ND	-21.3	2.10	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	3.88	ND	68415	Final	4.07	ND	4.9	3.98	ND	UG/KG

Class=Pharmaceuticals , Analyte=SULFANILAMIDE , CAS Number=63741

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	93.50	ND	68333	Final	91.20	ND	-2.5	92.35	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	97.30	ND	68344	Final	100.00	ND	2.8	98.65	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	198.00	ND	68357	Final	294.00	ND	48.5	246.00	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	105.00	ND	68323	Final	111.00	ND	5.7	108.00	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	58.80	ND	68362	Final	46.10	ND	-21.6	52.45	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	96.90	ND	68415	Final	102.00	ND	5.3	99.45	ND	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for FieldDuplicates Within a Single POTW, and Their Aggregated Result,
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Class=Pharmaceuticals , Analyte=SULFATHIAZOLE , CAS Number=72140

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	9.35	ND	68333	Final	9.12	ND	-2.5	9.24	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	9.73	ND	68344	Final	10.00	ND	2.8	9.87	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	16.10	ND	68357	Final	17.10	ND	6.2	16.60	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	10.50	ND	68323	Final	11.10	ND	5.7	10.80	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	5.88	ND	68362	Final	4.61	ND	-21.6	5.25	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	9.69	ND	68415	Final	10.20	ND	5.3	9.95	ND	UG/KG

Class=Pharmaceuticals , Analyte=THIABENDAZOLE , CAS Number=148798

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	9.35	ND	68333	Final	9.12	ND	-2.5	9.24	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	13.20	NC	68344	Final	10.80	NC	-18.2	12.00	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	239.00	NC	68357	Final	237.00	NC	-0.8	238.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	10.50	ND	68323	Final	11.10	ND	5.7	10.80	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	33.40	NC	68362	Final	33.50	NC	0.3	33.45	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	40.80	NC	68415	Final	41.00	NC	0.5	40.90	NC	UG/KG

Class=Pharmaceuticals , Analyte=TRIMETHOPRIM , CAS Number=738705

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	9.35	ND	68333	Final	9.12	ND	-2.5	9.24	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	50.20	NC	68344	Final	36.80	NC	-26.7	43.50	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	30.30	ND	68357	Final	67.30	ND	122.1	48.80	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	10.50	ND	68323	Final	11.10	ND	5.7	10.80	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	5.88	ND	68362	Final	4.61	ND	-21.6	5.25	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	12.40	NC	68415	Final	12.90	ND	4.0	12.65	NC	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for FieldDuplicates Within a Single POTW, and Their Aggregated Result,
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Class=Pharmaceuticals , Analyte=TYLOSIN , CAS Number=1401690

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	89.90	ND	68333	Final	80.00	ND	-11.0	84.95	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	326.00	ND	68344	Final	193.00	ND	-40.8	259.50	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	837.00	ND	68357	Final	908.00	ND	8.5	872.50	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	152.00	ND	68323	Final	48.30	ND	-68.2	100.15	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	231.00	ND	68362	Final	181.00	ND	-21.6	206.00	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	700.00	ND	68415	Final	244.00	ND	-65.1	472.00	ND	UG/KG

Class=Pharmaceuticals , Analyte=VIRGINIAMYCIN , CAS Number=11006761

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	156.00	NC	68333	Final	125.00	NC	-19.9	140.50	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	123.00	ND	68344	Final	176.00	NC	43.1	149.50	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	206.00	ND	68357	Final	253.00	ND	22.8	229.50	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	68.50	NC	68323	Final	42.10	ND	-38.5	55.30	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	39.20	ND	68362	Final	90.60	NC	131.1	64.90	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	131.00	ND	68415	Final	150.00	ND	14.5	140.50	ND	UG/KG

Class=Pharmaceuticals , Analyte=WARFARIN , CAS Number=81812

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	9.35	ND	68333	Final	9.12	ND	-2.5	9.24	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	9.73	ND	68344	Final	10.00	ND	2.8	9.87	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	16.10	ND	68357	Final	13.30	ND	-17.4	14.70	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	10.50	ND	68323	Final	11.10	ND	5.7	10.80	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	5.88	ND	68362	Final	4.61	ND	-21.6	5.25	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	9.69	ND	68415	Final	10.20	ND	5.3	9.95	ND	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for FieldDuplicates Within a Single POTW, and Their Aggregated Result,
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Class=Steroids/Hormones , Analyte=17 ALPHA-DIHYDROEQUILIN , CAS Number=651558

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	34.80	ND	68333	Final	23.00	ND	-33.9	28.90	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	16.40	ND	68344	Final	15.10	ND	-7.9	15.75	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	34.60	ND	68357	Final	98.40	NC	184.4	66.50	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	16.60	ND	68323	Final	25.20	ND	51.8	20.90	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	19.20	ND	68362	Final	25.70	ND	33.9	22.45	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	23.60	ND	68415	Final	14.70	ND	-37.7	19.15	ND	UG/KG

Class=Steroids/Hormones , Analyte=17 ALPHA-ESTRADIOL , CAS Number=57910

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	26.50	ND	68333	Final	24.50	ND	-7.5	25.50	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	20.20	ND	68344	Final	21.50	ND	6.4	20.85	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	.	ND	68357	Final	.	ND	.	.	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	22.90	ND	68323	Final	24.30	ND	6.1	23.60	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	12.80	ND	68362	Final	16.10	NC	25.8	14.45	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	21.30	ND	68415	Final	22.20	ND	4.2	21.75	ND	UG/KG

Class=Steroids/Hormones , Analyte=17 ALPHA-ETHINYL-ESTRADIOL , CAS Number=57636

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	25.70	ND	68333	Final	26.40	ND	2.7	26.05	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	24.10	ND	68344	Final	25.60	ND	6.2	24.85	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	24.80	ND	68357	Final	30.00	ND	21.0	27.40	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	27.30	ND	68323	Final	29.00	ND	6.2	28.15	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	15.20	ND	68362	Final	9.95	ND	-34.5	12.58	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	25.40	ND	68415	Final	26.50	ND	4.3	25.95	ND	UG/KG

Class=Steroids/Hormones , Analyte=17 BETA-ESTRADIOL , CAS Number=50282

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	26.40	ND	68333	Final	34.30	ND	29.9	30.35	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	20.20	ND	68344	Final	21.50	ND	6.4	20.85	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	89.50	NC	68357	Final	355.00	NC	296.6	222.25	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	22.90	ND	68323	Final	24.30	ND	6.1	23.60	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	88.70	NC	68362	Final	117.00	NC	31.9	102.85	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	21.30	ND	68415	Final	22.20	ND	4.2	21.75	ND	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for FieldDuplicates Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=Steroids/Hormones , Analyte=ANDROSTENEDIONE , CAS Number=63058

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	918.00	NC	68333	Final	833.00	NC	-9.3	875.50	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	161.00	ND	68344	Final	326.00	ND	102.5	243.50	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	.	ND	68357	Final	.	ND	.	.	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	150.00	ND	68323	Final	131.00	ND	-12.7	140.50	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	68.80	ND	68362	Final	57.70	ND	-16.1	63.25	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	881.00	NC	68415	Final	363.00	NC	-58.8	622.00	NC	UG/KG

Class=Steroids/Hormones , Analyte=ANDROSTERONE , CAS Number=53418

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	163.00	ND	68333	Final	155.00	ND	-4.9	159.00	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	378.00	NC	68344	Final	391.00	NC	3.4	384.50	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	.	ND	68357	Final	.	ND	.	.	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	25.00	ND	68323	Final	26.50	ND	6.0	25.75	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	14.00	ND	68362	Final	21.30	NC	52.1	17.65	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	208.00	NC	68415	Final	278.00	NC	33.7	243.00	NC	UG/KG

Class=Steroids/Hormones , Analyte=BETA-ESTRADIOL 3-BENZOATE , CAS Number=50500

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	22.00	ND	68333	Final	22.50	ND	2.3	22.25	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	21.40	ND	68344	Final	30.60	ND	43.0	26.00	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	697.00	NC	68357	Final	1800.00	NC	158.2	1248.50	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	23.30	ND	68323	Final	24.70	ND	6.0	24.00	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	26.90	ND	68362	Final	36.00	ND	33.8	31.45	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	44.60	ND	68415	Final	22.60	ND	-49.3	33.60	ND	UG/KG

Class=Steroids/Hormones , Analyte=BETA-SITOSTEROL , CAS Number=83465

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	155000.00	NC	68333	Final	161000.00	NC	3.9	158000.00	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	570000.00	NC	68344	Final	494000.00	NC	-13.3	532000.00	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	500000.00	NC	68357	Final	1270000.00	NC	154.0	885000.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	371000.00	NC	68323	Final	250000.00	NC	-32.6	310500.00	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	894000.00	NC	68362	Final	640000.00	NC	-28.4	767000.00	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	291000.00	NC	68415	Final	396000.00	NC	36.1	343500.00	NC	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for FieldDuplicates Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=Steroids/Hormones , Analyte=DESMOSTEROL , CAS Number=313042

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	3130.00	NC	68333	Final	3030.00	NC	-3.2	3080.00	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	5950.00	NC	68344	Final	6900.00	NC	16.0	6425.00	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	17400.00	NC	68357	Final	50000.00	NC	187.4	33700.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	6630.00	NC	68323	Final	8100.00	NC	22.2	7365.00	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	22300.00	NC	68362	Final	24400.00	NC	9.4	23350.00	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	13800.00	NC	68415	Final	17400.00	NC	26.1	15600.00	NC	UG/KG

Class=Steroids/Hormones , Analyte=EQUILENIN , CAS Number=517099

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	35.90	ND	68333	Final	28.70	ND	-20.1	32.30	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	9.71	ND	68344	Final	10.30	ND	6.1	10.01	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	.	ND	68357	Final	.	ND	.	.	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	11.00	ND	68323	Final	23.30	ND	111.8	17.15	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	6.15	ND	68362	Final	4.01	ND	-34.8	5.08	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	10.30	ND	68415	Final	10.70	ND	3.9	10.50	ND	UG/KG

Class=Steroids/Hormones , Analyte=EQUILIN , CAS Number=474862

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	55.60	ND	68333	Final	64.40	ND	15.8	60.00	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	93.60	NC	68344	Final	107.00	NC	14.3	100.30	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	.	ND	68357	Final	.	ND	.	.	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	22.40	ND	68323	Final	23.80	ND	6.3	23.10	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	12.50	ND	68362	Final	8.18	ND	-34.6	10.34	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	37.80	NC	68415	Final	35.70	NC	-5.6	36.75	NC	UG/KG

Class=Steroids/Hormones , Analyte=ERGOSTEROL , CAS Number=57874

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	2570.00	ND	68333	Final	2610.00	ND	1.6	2590.00	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	16100.00	NC	68344	Final	22600.00	NC	40.4	19350.00	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	21500.00	NC	68357	Final	59500.00	NC	176.7	40500.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	22500.00	NC	68323	Final	33200.00	NC	47.6	27850.00	NC	UG/KG
1<MGD<10	32	11/01/06	68361	Final	41800.00	NC	68362	Final	32700.00	NC	-21.8	37250.00	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	27000.00	NC	68415	Final	41800.00	NC	54.8	34400.00	NC	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for FieldDuplicates Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=Steroids/Hormones , Analyte=ESTRIOL , CAS Number=50271

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	24.50	ND	68333	Final	25.10	ND	2.4	24.80	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	47.40	NC	68344	Final	125.00	NC	163.7	86.20	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	67.00	ND	68357	Final	189.00	NC	182.1	128.00	NC	UG/KG
1<MGD<10	28	10/25/06	68317	Final	19.90	ND	68323	Final	5.80	ND	-70.9	12.85	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	25.20	NC	68362	Final	31.10	NC	23.4	28.15	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	24.30	ND	68415	Final	27.30	NC	12.3	25.80	NC	UG/KG

Class=Steroids/Hormones , Analyte=ESTRONE , CAS Number=53167

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	312.00	NC	68333	Final	339.00	NC	8.7	325.50	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	45.10	NC	68344	Final	46.50	NC	3.1	45.80	NC	UG/KG
1<MGD<10	19	10/18/06	68355	Final	.	ND	68357	Final	.	ND	.	.	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	25.50	ND	68323	Final	27.10	ND	6.3	26.30	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	34.10	NC	68362	Final	34.30	NC	0.6	34.20	NC	UG/KG
10<MGD<100	49	11/10/06	68374	Final	88.00	NC	68415	Final	84.10	NC	-4.4	86.05	NC	UG/KG

Class=Steroids/Hormones , Analyte=NORETHINDRONE , CAS Number=68224

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	25.40	ND	68333	Final	23.00	ND	-9.4	24.20	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	21.50	ND	68344	Final	66.60	ND	209.8	44.05	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	21.60	ND	68357	Final	70.20	ND	225.0	45.90	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	23.80	ND	68323	Final	25.20	ND	5.9	24.50	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	13.30	ND	68362	Final	9.61	ND	-27.7	11.46	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	22.10	ND	68415	Final	23.00	ND	4.1	22.55	ND	UG/KG

Class=Steroids/Hormones , Analyte=NORGESTREL , CAS Number=6533002

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	54.40	ND	68333	Final	43.40	ND	-20.2	48.90	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	39.60	ND	68344	Final	42.20	ND	6.6	40.90	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	116.00	ND	68357	Final	458.00	ND	294.8	287.00	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	44.90	ND	68323	Final	47.60	ND	6.0	46.25	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	25.10	ND	68362	Final	22.40	ND	-10.8	23.75	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	41.80	ND	68415	Final	43.50	ND	4.1	42.65	ND	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for FieldDuplicates Within a Single POTW, and Their Aggregated Result,
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Class=Steroids/Hormones , Analyte=PROGESTERONE , CAS Number=57830

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	315.00	NC	68333	Final	387.00	NC	22.9	351.00	NC	UG/KG
1<MGD<10	11	10/04/06	68343	Final	161.00	ND	68344	Final	186.00	ND	15.5	173.50	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	718.00	ND	68357	Final	2010.00	ND	179.9	1364.00	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	117.00	ND	68323	Final	124.00	ND	6.0	120.50	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	67.40	ND	68362	Final	75.50	ND	12.0	71.45	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	817.00	NC	68415	Final	412.00	NC	-49.6	614.50	NC	UG/KG

Class=Steroids/Hormones , Analyte=TESTOSTERONE , CAS Number=58220

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	2	08/23/06	68332	Final	327.00	ND	68333	Final	242.00	ND	-26.0	284.50	ND	UG/KG
1<MGD<10	11	10/04/06	68343	Final	120.00	ND	68344	Final	152.00	ND	26.7	136.00	ND	UG/KG
1<MGD<10	19	10/18/06	68355	Final	.	ND	68357	Final	.	ND	.	.	ND	UG/KG
1<MGD<10	28	10/25/06	68317	Final	77.30	ND	68323	Final	56.20	ND	-27.3	66.75	ND	UG/KG
1<MGD<10	32	11/01/06	68361	Final	46.80	ND	68362	Final	68.30	ND	45.9	57.55	ND	UG/KG
10<MGD<100	49	11/10/06	68374	Final	78.90	ND	68415	Final	122.00	NC	54.6	100.45	NC	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for MultipleLocations Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=Pharmaceuticals , Analyte=1,7-DIMETHYLXANTHINE , CAS Number=611596

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	1130.00	NC	68320	Solid 2	978.00	ND	-13.5	1054.00	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	903.00	ND	68375	Solid 2	977.00	ND	8.2	940.00	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	984.00	ND	68383	Solid	998.00	ND	1.4	991.00	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	1340.00	ND	68406	Solid	1060.00	ND	-20.9	1200.00	ND	UG/KG

Class=Pharmaceuticals , Analyte=4-EPIANHYDROCHLORTETRACYCLINE (EACTC) , CAS Number=158018532

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	402.00	ND	68320	Solid 2	391.00	ND	-2.7	396.50	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	361.00	ND	68375	Solid 2	528.00	ND	46.3	444.50	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	394.00	ND	68383	Solid	399.00	ND	1.3	396.50	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	535.00	ND	68406	Solid	426.00	ND	-20.4	480.50	ND	UG/KG

Class=Pharmaceuticals , Analyte=4-EPIANHYDROTETRACYCLINE (EATC) , CAS Number=4465650

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	100.00	ND	68320	Solid 2	97.80	ND	-2.2	98.90	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	90.30	ND	68375	Solid 2	419.00	ND	364.0	254.65	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	98.40	ND	68383	Solid	99.80	ND	1.4	99.10	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	134.00	ND	68406	Solid	106.00	ND	-20.9	120.00	ND	UG/KG

Class=Pharmaceuticals , Analyte=4-EPICHLORTETRACYCLINE (ECTC) , CAS Number=14297939

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	100.00	ND	68320	Solid 2	97.80	ND	-2.2	98.90	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	103.00	ND	68375	Solid 2	131.00	ND	27.2	117.00	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	98.40	ND	68383	Solid	99.80	ND	1.4	99.10	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	134.00	ND	68406	Solid	122.00	ND	-9.0	128.00	ND	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for MultipleLocations Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=Pharmaceuticals , Analyte=4-EPIOXYTETRACYCLINE (EOTC) , CAS Number=14206587

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	40.20	ND	68320	Solid 2	39.10	ND	-2.7	39.65	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	54.90	NC	68375	Solid 2	91.90	ND	67.4	73.40	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	39.40	ND	68383	Solid	39.90	ND	1.3	39.65	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	42.70	ND	68406	Solid	67.20	ND	57.4	54.95	ND	UG/KG

Class=Pharmaceuticals , Analyte=ACETAMINOPHEN , CAS Number=103902

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	402.00	ND	68320	Solid 2	391.00	ND	-2.7	396.50	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	361.00	ND	68375	Solid 2	391.00	ND	8.3	376.00	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	394.00	ND	68383	Solid	399.00	ND	1.3	396.50	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	535.00	ND	68406	Solid	426.00	ND	-20.4	480.50	ND	UG/KG

Class=Pharmaceuticals , Analyte=ALBUTEROL , CAS Number=18559949

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	2.02	ND	68320	Solid 2	2.00	ND	-1.0	2.01	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	5.42	ND	68375	Solid 2	6.33	ND	16.8	5.88	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	1.90	ND	68383	Solid	2.02	ND	6.3	1.96	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	8.09	ND	68406	Solid	6.38	ND	-21.1	7.24	ND	UG/KG

Class=Pharmaceuticals , Analyte=ANHYDROCHLORTETRACYCLINE (ACTC) , CAS Number=4497089

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	102.00	ND	68320	Solid 2	99.50	ND	-2.5	100.75	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	97.90	ND	68375	Solid 2	188.00	ND	92.0	142.95	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	98.40	ND	68383	Solid	99.80	ND	1.4	99.10	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	160.00	ND	68406	Solid	106.00	ND	-33.8	133.00	ND	UG/KG

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Class=Pharmaceuticals , Analyte=ANHYDROTETRACYCLINE (ATC) , CAS Number=4496859

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	135.00	NC	68320	Solid 2	97.80	ND	-27.6	116.40	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	90.30	ND	68375	Solid 2	235.00	ND	160.2	162.65	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	98.40	ND	68383	Solid	99.80	ND	1.4	99.10	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	158.00	NC	68406	Solid	106.00	ND	-32.9	132.00	NC	UG/KG

Class=Pharmaceuticals , Analyte=CAFFEINE , CAS Number=58082

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	170.00	NC	68320	Solid 2	97.80	ND	-42.5	133.90	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	90.30	ND	68375	Solid 2	97.70	ND	8.2	94.00	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	98.40	ND	68383	Solid	217.00	NC	120.5	157.70	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	295.00	NC	68406	Solid	106.00	ND	-64.1	200.50	NC	UG/KG

Class=Pharmaceuticals , Analyte=CARBADOX , CAS Number=6804075

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	10.00	ND	68320	Solid 2	9.78	ND	-2.2	9.89	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	9.03	ND	68375	Solid 2	10.40	ND	15.2	9.72	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	9.84	ND	68383	Solid	9.98	ND	1.4	9.91	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	13.40	ND	68406	Solid	10.60	ND	-20.9	12.00	ND	UG/KG

Class=Pharmaceuticals , Analyte=CEFOTAXIME , CAS Number=63527526

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	269.00	ND	68320	Solid 2	133.00	ND	-50.6	201.00	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	63.10	ND	68375	Solid 2	84.60	ND	34.1	73.85	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	47.30	ND	68383	Solid	60.10	ND	27.1	53.70	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	167.00	ND	68406	Solid	42.60	ND	-74.5	104.80	ND	UG/KG

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Class=Pharmaceuticals , Analyte=CHLORTETRACYCLINE (CTC) , CAS Number=57625

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	40.20	ND	68320	Solid 2	39.10	ND	-2.7	39.65	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	36.10	ND	68375	Solid 2	45.20	ND	25.2	40.65	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	39.40	ND	68383	Solid	39.90	ND	1.3	39.65	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	53.50	ND	68406	Solid	43.40	ND	-18.9	48.45	ND	UG/KG

Class=Pharmaceuticals , Analyte=CLARITHROMYCIN , CAS Number=81103119

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	50.00	NC	68320	Solid 2	9.78	ND	-80.4	29.89	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	9.03	ND	68375	Solid 2	9.77	ND	8.2	9.40	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	9.84	ND	68383	Solid	9.98	ND	1.4	9.91	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	262.00	NC	68406	Solid	10.60	ND	-96.0	136.30	NC	UG/KG

Class=Pharmaceuticals , Analyte=CLINAFLOXACIN , CAS Number=105956976

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	62.80	ND	68320	Solid 2	46.80	ND	-25.5	54.80	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	36.10	ND	68375	Solid 2	39.10	ND	8.3	37.60	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	39.40	ND	68383	Solid	52.10	ND	32.2	45.75	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	66.90	ND	68406	Solid	42.60	ND	-36.3	54.75	ND	UG/KG

Class=Pharmaceuticals , Analyte=CLOXACILLIN , CAS Number=61723

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	33.80	ND	68320	Solid 2	27.70	ND	-18.0	30.75	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	18.10	ND	68375	Solid 2	24.80	ND	37.0	21.45	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	19.70	ND	68383	Solid	20.00	ND	1.5	19.85	ND	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
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Class=Pharmaceuticals , Analyte=CLOXACILLIN , CAS Number=61723 (continued)

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	74	03/29/07	68407	Liquid	33.90	ND	68406	Solid	21.30	ND	-37.2	27.60	ND	UG/KG

Class=Pharmaceuticals , Analyte=CODEINE , CAS Number=76573

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	20.10	ND	68320	Solid 2	19.60	ND	-2.5	19.85	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	18.10	ND	68375	Solid 2	19.50	ND	7.7	18.80	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	19.70	ND	68383	Solid	20.00	ND	1.5	19.85	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	28.10	NC	68406	Solid	21.30	ND	-24.2	24.70	NC	UG/KG

Class=Pharmaceuticals , Analyte=COTININE , CAS Number=486566

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	10.00	ND	68320	Solid 2	9.78	ND	-2.2	9.89	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	9.03	ND	68375	Solid 2	9.77	ND	8.2	9.40	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	9.84	ND	68383	Solid	9.98	ND	1.4	9.91	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	414.00	NC	68406	Solid	10.60	ND	-97.4	212.30	NC	UG/KG

Class=Pharmaceuticals , Analyte=DEHYDRONIFEDIPINE , CAS Number=67035227

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	5.14	NC	68320	Solid 2	3.91	ND	-23.9	4.53	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	3.61	ND	68375	Solid 2	12.30	NC	240.7	7.96	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	3.94	ND	68383	Solid	3.99	ND	1.3	3.97	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	5.35	ND	68406	Solid	4.26	ND	-20.4	4.81	ND	UG/KG

Class=Pharmaceuticals , Analyte=DEMECLOCYCLINE , CAS Number=127333

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	100.00	ND	68320	Solid 2	97.80	ND	-2.2	98.90	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	90.30	ND	68375	Solid 2	97.70	ND	8.2	94.00	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	98.40	ND	68383	Solid	99.80	ND	1.4	99.10	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	134.00	ND	68406	Solid	106.00	ND	-20.9	120.00	ND	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
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Class=Pharmaceuticals , Analyte=DIGOXIGENIN , CAS Number=1672464

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	43.80	ND	68320	Solid 2	39.10	ND	-10.7	41.45	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	36.10	ND	68375	Solid 2	46.20	ND	28.0	41.15	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	39.40	ND	68383	Solid	39.90	ND	1.3	39.65	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	123.00	ND	68406	Solid	42.60	ND	-65.4	82.80	ND	UG/KG

Class=Pharmaceuticals , Analyte=DIGOXIN , CAS Number=20830755

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	372.00	ND	68320	Solid 2	253.00	ND	-32.0	312.50	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	90.30	ND	68375	Solid 2	151.00	ND	67.2	120.65	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	98.40	ND	68383	Solid	99.80	ND	1.4	99.10	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	305.00	ND	68406	Solid	106.00	ND	-65.2	205.50	ND	UG/KG

Class=Pharmaceuticals , Analyte=DILTIAZEM , CAS Number=42399417

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	2.64	NC	68320	Solid 2	1.96	ND	-25.8	2.30	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	1.81	ND	68375	Solid 2	5.33	NC	194.5	3.57	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	1.97	ND	68383	Solid	6.19	NC	214.2	4.08	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	72.30	NC	68406	Solid	2.13	ND	-97.1	37.22	NC	UG/KG

Class=Pharmaceuticals , Analyte=ENROFLOXACIN , CAS Number=93106606

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	20.10	ND	68320	Solid 2	19.60	ND	-2.5	19.85	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	18.10	ND	68375	Solid 2	19.50	ND	7.7	18.80	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	19.70	ND	68383	Solid	20.00	ND	1.5	19.85	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	38.50	NC	68406	Solid	21.30	ND	-44.7	29.90	NC	UG/KG

Class=Pharmaceuticals , Analyte=FLUMEQUINE , CAS Number=42835256

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	10.00	ND	68320	Solid 2	9.78	ND	-2.2	9.89	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	9.03	ND	68375	Solid 2	9.94	ND	10.1	9.49	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	9.84	ND	68383	Solid	9.98	ND	1.4	9.91	ND	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
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Class=Pharmaceuticals , Analyte=FLUMEQUINE , CAS Number=42835256 (continued)

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	74	03/29/07	68407	Liquid	13.40	ND	68406	Solid	10.60	ND	-20.9	12.00	ND	UG/KG

Class=Pharmaceuticals , Analyte=GEMFIBROZIL , CAS Number=25812300

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	79.10	NC	68320	Solid 2	38.20	NC	-51.7	58.65	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	224.00	NC	68375	Solid 2	119.00	NC	-46.9	171.50	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	20.70	NC	68383	Solid	38.30	NC	85.0	29.50	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	576.00	NC	68406	Solid	15.70	NC	-97.3	295.85	NC	UG/KG

Class=Pharmaceuticals , Analyte=IBUPROFEN , CAS Number=15687271

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	100.00	ND	68320	Solid 2	97.80	ND	-2.2	98.90	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	90.30	ND	68375	Solid 2	196.00	NC	117.1	143.15	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	98.40	ND	68383	Solid	99.80	ND	1.4	99.10	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	5630.00	NC	68406	Solid	106.00	ND	-98.1	2868.00	NC	UG/KG

Class=Pharmaceuticals , Analyte=ISOCHLORTETRACYCLINE (ICTC) , CAS Number=514534

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	40.20	ND	68320	Solid 2	39.10	ND	-2.7	39.65	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	36.10	ND	68375	Solid 2	39.10	ND	8.3	37.60	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	39.40	ND	68383	Solid	39.90	ND	1.3	39.65	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	53.50	ND	68406	Solid	42.60	ND	-20.4	48.05	ND	UG/KG

Class=Pharmaceuticals , Analyte=LINCOMYCIN , CAS Number=154212

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	20.10	ND	68320	Solid 2	19.60	ND	-2.5	19.85	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	18.10	ND	68375	Solid 2	19.50	ND	7.7	18.80	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	19.70	ND	68383	Solid	20.00	ND	1.5	19.85	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	66.90	ND	68406	Solid	21.30	ND	-68.2	44.10	ND	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
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Class=Pharmaceuticals , Analyte=LOMEFLOXACIN , CAS Number=98079517

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	20.10	ND	68320	Solid 2	19.60	ND	-2.5	19.85	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	18.10	ND	68375	Solid 2	19.50	ND	7.7	18.80	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	19.70	ND	68383	Solid	20.00	ND	1.5	19.85	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	26.70	ND	68406	Solid	21.30	ND	-20.2	24.00	ND	UG/KG

Class=Pharmaceuticals , Analyte=METFORMIN , CAS Number=657249

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	842.00	NC	68320	Solid 2	200.00	ND	-76.2	521.00	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	542.00	ND	68375	Solid 2	633.00	ND	16.8	587.50	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	190.00	ND	68383	Solid	202.00	ND	6.3	196.00	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	809.00	ND	68406	Solid	638.00	ND	-21.1	723.50	ND	UG/KG

Class=Pharmaceuticals , Analyte=MINOCYCLINE , CAS Number=10118908

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	540.00	ND	68320	Solid 2	407.00	ND	-24.6	473.50	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	.	ND	68375	Solid 2	.	ND	.	.	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	394.00	ND	68383	Solid	399.00	ND	1.3	396.50	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	535.00	ND	68406	Solid	.	ND	.	535.00	ND	UG/KG

Class=Pharmaceuticals , Analyte=NAPROXEN , CAS Number=22204531

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	92.60	NC	68320	Solid 2	68.50	NC	-26.0	80.55	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	18.10	ND	68375	Solid 2	26.50	NC	46.4	22.30	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	146.00	NC	68383	Solid	20.00	ND	-86.3	83.00	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	39.60	ND	68406	Solid	21.30	ND	-46.2	30.45	ND	UG/KG

Class=Pharmaceuticals , Analyte=NORFLOXACIN , CAS Number=70458967

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	100.00	ND	68320	Solid 2	97.80	ND	-2.2	98.90	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	133.00	NC	68375	Solid 2	97.70	ND	-26.5	115.35	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	98.40	ND	68383	Solid	99.80	ND	1.4	99.10	ND	UG/KG

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Listings of Measurements for MultipleLocations Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=Pharmaceuticals , Analyte=NORFLOXACIN , CAS Number=70458967 (continued)

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	74	03/29/07	68407	Liquid	165.00	NC	68406	Solid	106.00	ND	-35.8	135.50	NC	UG/KG

Class=Pharmaceuticals , Analyte=NORGESTIMATE , CAS Number=35189287

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	25.80	ND	68320	Solid 2	21.70	ND	-15.9	23.75	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	18.10	ND	68375	Solid 2	20.80	ND	14.9	19.45	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	19.70	ND	68383	Solid	20.00	ND	1.5	19.85	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	30.40	ND	68406	Solid	21.30	ND	-29.9	25.85	ND	UG/KG

Class=Pharmaceuticals , Analyte=ORMETOPRIM , CAS Number=6981186

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	4.02	ND	68320	Solid 2	3.91	ND	-2.7	3.97	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	3.61	ND	68375	Solid 2	3.91	ND	8.3	3.76	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	3.94	ND	68383	Solid	3.99	ND	1.3	3.97	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	5.35	ND	68406	Solid	4.26	ND	-20.4	4.81	ND	UG/KG

Class=Pharmaceuticals , Analyte=OXACILLIN , CAS Number=66795

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	20.10	ND	68320	Solid 2	19.60	ND	-2.5	19.85	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	18.10	ND	68375	Solid 2	19.50	ND	7.7	18.80	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	19.70	ND	68383	Solid	20.00	ND	1.5	19.85	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	26.70	ND	68406	Solid	21.30	ND	-20.2	24.00	ND	UG/KG

Class=Pharmaceuticals , Analyte=OXOLINIC ACID , CAS Number=14698294

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	4.02	ND	68320	Solid 2	3.91	ND	-2.7	3.97	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	3.61	ND	68375	Solid 2	3.91	ND	8.3	3.76	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	3.94	ND	68383	Solid	3.99	ND	1.3	3.97	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	6.21	ND	68406	Solid	4.26	ND	-31.4	5.24	ND	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
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Class=Pharmaceuticals , Analyte=OXYTETRACYCLINE (OTC) , CAS Number=79572

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	40.20	ND	68320	Solid 2	39.10	ND	-2.7	39.65	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	75.50	NC	68375	Solid 2	47.10	ND	-37.6	61.30	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	39.40	ND	68383	Solid	39.90	ND	1.3	39.65	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	53.50	ND	68406	Solid	42.60	ND	-20.4	48.05	ND	UG/KG

Class=Pharmaceuticals , Analyte=PENICILLIN G , CAS Number=61336

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	20.10	ND	68320	Solid 2	19.60	ND	-2.5	19.85	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	18.10	ND	68375	Solid 2	19.50	ND	7.7	18.80	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	19.70	ND	68383	Solid	20.00	ND	1.5	19.85	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	26.70	ND	68406	Solid	21.30	ND	-20.2	24.00	ND	UG/KG

Class=Pharmaceuticals , Analyte=PENICILLIN V , CAS Number=87081

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	40.20	ND	68320	Solid 2	39.10	ND	-2.7	39.65	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	36.10	ND	68375	Solid 2	39.10	ND	8.3	37.60	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	39.40	ND	68383	Solid	39.90	ND	1.3	39.65	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	53.50	ND	68406	Solid	42.60	ND	-20.4	48.05	ND	UG/KG

Class=Pharmaceuticals , Analyte=RANITIDINE , CAS Number=66357355

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	40.60	NC	68320	Solid 2	4.01	ND	-90.1	22.31	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	10.80	ND	68375	Solid 2	12.70	ND	17.6	11.75	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	3.80	ND	68383	Solid	4.03	ND	6.1	3.92	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	18.00	NC	68406	Solid	12.80	ND	-28.9	15.40	NC	UG/KG

Class=Pharmaceuticals , Analyte=ROXITHROMYCIN , CAS Number=80214831

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	6.22	ND	68320	Solid 2	5.12	ND	-17.7	5.67	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	1.81	ND	68375	Solid 2	4.33	ND	139.2	3.07	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	3.15	ND	68383	Solid	5.15	ND	63.5	4.15	ND	UG/KG

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Class=Pharmaceuticals , Analyte=ROXITHROMYCIN , CAS Number=80214831 (continued)

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	74	03/29/07	68407	Liquid	8.50	ND	68406	Solid	2.13	ND	-74.9	5.32	ND	UG/KG

Class=Pharmaceuticals , Analyte=SARAFLOXACIN , CAS Number=98105998

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	111.00	ND	68320	Solid 2	130.00	ND	17.1	120.50	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	82.30	ND	68375	Solid 2	137.00	ND	66.5	109.65	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	89.80	ND	68383	Solid	91.00	ND	1.3	90.40	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	189.00	ND	68406	Solid	97.00	ND	-48.7	143.00	ND	UG/KG

Class=Pharmaceuticals , Analyte=SULFACHLOROPYRIDAZINE , CAS Number=80320

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	10.00	ND	68320	Solid 2	9.78	ND	-2.2	9.89	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	9.03	ND	68375	Solid 2	9.77	ND	8.2	9.40	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	9.84	ND	68383	Solid	9.98	ND	1.4	9.91	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	13.40	ND	68406	Solid	10.60	ND	-20.9	12.00	ND	UG/KG

Class=Pharmaceuticals , Analyte=SULFADIAZINE , CAS Number=68359

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	10.00	ND	68320	Solid 2	9.78	ND	-2.2	9.89	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	9.03	ND	68375	Solid 2	9.77	ND	8.2	9.40	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	9.84	ND	68383	Solid	9.98	ND	1.4	9.91	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	13.40	ND	68406	Solid	10.60	ND	-20.9	12.00	ND	UG/KG

Class=Pharmaceuticals , Analyte=SULFADIMETHOXINE , CAS Number=122112

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	2.01	ND	68320	Solid 2	2.77	ND	37.8	2.39	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	1.81	ND	68375	Solid 2	7.35	NC	306.1	4.58	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	1.97	ND	68383	Solid	2.00	ND	1.5	1.99	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	2.67	ND	68406	Solid	2.13	ND	-20.2	2.40	ND	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
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Class=Pharmaceuticals , Analyte=SULFAMERAZINE , CAS Number=127797

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	5.61	NC	68320	Solid 2	3.91	ND	-30.3	4.76	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	3.61	ND	68375	Solid 2	3.91	ND	8.3	3.76	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	3.94	ND	68383	Solid	3.99	ND	1.3	3.97	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	5.35	ND	68406	Solid	4.26	ND	-20.4	4.81	ND	UG/KG

Class=Pharmaceuticals , Analyte=SULFAMETHAZINE , CAS Number=57681

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	4.02	ND	68320	Solid 2	5.51	ND	37.1	4.77	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	3.61	ND	68375	Solid 2	4.68	ND	29.6	4.15	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	3.94	ND	68383	Solid	3.99	ND	1.3	3.97	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	13.80	ND	68406	Solid	4.26	ND	-69.1	9.03	ND	UG/KG

Class=Pharmaceuticals , Analyte=SULFAMETHIZOLE , CAS Number=144821

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	4.02	ND	68320	Solid 2	3.91	ND	-2.7	3.97	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	3.61	ND	68375	Solid 2	3.91	ND	8.3	3.76	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	3.94	ND	68383	Solid	3.99	ND	1.3	3.97	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	14.60	ND	68406	Solid	4.26	ND	-70.8	9.43	ND	UG/KG

Class=Pharmaceuticals , Analyte=SULFAMETHOXAZOLE , CAS Number=723466

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	4.02	ND	68320	Solid 2	3.91	ND	-2.7	3.97	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	3.61	ND	68375	Solid 2	5.94	NC	64.5	4.78	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	3.94	ND	68383	Solid	3.99	ND	1.3	3.97	ND	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for MultipleLocations Within a Single POTW, and Their Aggregated Result,
for Analytes Subject to In-Depth Analysis

Class=Pharmaceuticals , Analyte=SULFAMETHOXAZOLE , CAS Number=723466 (continued)

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	74	03/29/07	68407	Liquid	5.95	ND	68406	Solid	4.26	ND	-28.4	5.11	ND	UG/KG

Class=Pharmaceuticals , Analyte=SULFANILAMIDE , CAS Number=63741

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	100.00	ND	68320	Solid 2	97.80	ND	-2.2	98.90	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	90.30	ND	68375	Solid 2	97.70	ND	8.2	94.00	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	98.40	ND	68383	Solid	99.80	ND	1.4	99.10	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	145.00	ND	68406	Solid	106.00	ND	-26.9	125.50	ND	UG/KG

Class=Pharmaceuticals , Analyte=SULFATHIAZOLE , CAS Number=72140

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	10.00	ND	68320	Solid 2	21.00	NC	110.0	15.50	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	9.03	ND	68375	Solid 2	9.77	ND	8.2	9.40	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	9.84	ND	68383	Solid	9.98	ND	1.4	9.91	ND	UG/KG

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Class=Pharmaceuticals , Analyte=SULFATHIAZOLE , CAS Number=72140 (continued)

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	74	03/29/07	68407	Liquid	13.40	ND	68406	Solid	10.60	ND	-20.9	12.00	ND	UG/KG

Class=Pharmaceuticals , Analyte=THIABENDAZOLE , CAS Number=148798

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	12.50	NC	68320	Solid 2	9.78	ND	-21.8	11.14	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	60.70	NC	68375	Solid 2	96.40	NC	58.8	78.55	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	9.84	ND	68383	Solid	9.98	ND	1.4	9.91	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	119.00	NC	68406	Solid	10.60	ND	-91.1	64.80	NC	UG/KG

Class=Pharmaceuticals , Analyte=TRIMETHOPRIM , CAS Number=738705

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	46.80	NC	68320	Solid 2	26.20	NC	-44.0	36.50	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	9.03	ND	68375	Solid 2	13.70	ND	51.7	11.37	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	9.84	ND	68383	Solid	9.98	ND	1.4	9.91	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	21.20	ND	68406	Solid	10.60	ND	-50.0	15.90	ND	UG/KG

Class=Pharmaceuticals , Analyte=TYLOSIN , CAS Number=1401690

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	240.00	ND	68320	Solid 2	43.50	ND	-81.9	141.75	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	36.70	ND	68375	Solid 2	268.00	ND	630.2	152.35	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	103.00	ND	68383	Solid	39.90	ND	-61.3	71.45	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	538.00	ND	68406	Solid	64.30	ND	-88.0	301.15	ND	UG/KG

Class=Pharmaceuticals , Analyte=VIRGINIAMYCIN , CAS Number=11006761

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	154.00	ND	68320	Solid 2	120.00	ND	-22.1	137.00	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	39.50	ND	68375	Solid 2	64.30	ND	62.8	51.90	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	23.90	ND	68383	Solid	50.10	ND	109.6	37.00	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	321.00	NC	68406	Solid	32.40	ND	-89.9	176.70	NC	UG/KG

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Class=Pharmaceuticals , Analyte=WARFARIN , CAS Number=81812

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	10.00	ND	68320	Solid 2	9.78	ND	-2.2	9.89	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	9.03	ND	68375	Solid 2	29.30	ND	224.5	19.17	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	9.84	ND	68383	Solid	9.98	ND	1.4	9.91	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	13.40	ND	68406	Solid	10.60	ND	-20.9	12.00	ND	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
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Class=Steroids/Hormones , Analyte=17 ALPHA-DIHYDROEQUILIN , CAS Number=651558

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	21.50	ND	68320	Solid 2	11.50	ND	-46.5	16.50	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	38.30	ND	68375	Solid 2	41.40	ND	8.1	39.85	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	22.20	ND	68383	Solid	22.90	ND	3.2	22.55	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	21.20	ND	68406	Solid	27.40	ND	29.2	24.30	ND	UG/KG

Class=Steroids/Hormones , Analyte=17 ALPHA-ESTRADIOL , CAS Number=57910

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	20.70	ND	68320	Solid 2	21.30	ND	2.9	21.00	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	24.80	ND	68375	Solid 2	22.70	ND	-8.5	23.75	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	21.40	ND	68383	Solid	21.60	ND	0.9	21.50	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	48.80	NC	68406	Solid	25.30	ND	-48.2	37.05	NC	UG/KG

Class=Steroids/Hormones , Analyte=17 ALPHA-ETHINYL-ESTRADIOL , CAS Number=57636

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	24.70	ND	68320	Solid 2	25.30	ND	2.4	25.00	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	26.00	ND	68375	Solid 2	27.10	ND	4.2	26.55	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	23.60	ND	68383	Solid	25.80	ND	9.3	24.70	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	24.60	ND	68406	Solid	30.20	ND	22.8	27.40	ND	UG/KG

Class=Steroids/Hormones , Analyte=17 BETA-ESTRADIOL , CAS Number=50282

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	20.70	ND	68320	Solid 2	21.30	ND	2.9	21.00	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	47.00	NC	68375	Solid 2	22.70	ND	-51.7	34.85	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	19.80	ND	68383	Solid	25.00	NC	26.3	22.40	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	33.20	NC	68406	Solid	25.30	ND	-23.8	29.25	NC	UG/KG

Class=Steroids/Hormones , Analyte=ANDROSTENEDIONE , CAS Number=63058

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	112.00	ND	68320	Solid 2	114.00	ND	1.8	113.00	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	472.00	ND	68375	Solid 2	158.00	ND	-66.5	315.00	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	307.00	ND	68383	Solid	201.00	ND	-34.5	254.00	ND	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
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Class=Steroids/Hormones , Analyte=ANDROSTENEDIONE , CAS Number=63058 (continued)

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
1<MGD<10	74	03/29/07	68407	Liquid	474.00	NC	68406	Solid	251.00	ND	-47.0	362.50	NC	UG/KG

Class=Steroids/Hormones , Analyte=ANDROSTERONE , CAS Number=53418

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	23.50	NC	68320	Solid 2	24.00	NC	2.1	23.75	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	177.00	ND	68375	Solid 2	516.00	NC	191.5	346.50	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	111.00	ND	68383	Solid	23.80	ND	-78.6	67.40	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	1030.00	NC	68406	Solid	77.00	ND	-92.5	553.50	NC	UG/KG

Class=Steroids/Hormones , Analyte=BETA-ESTRADIOL 3-BENZOATE , CAS Number=50500

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	22.60	ND	68320	Solid 2	29.30	ND	29.6	25.95	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	22.20	ND	68375	Solid 2	23.20	ND	4.5	22.70	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	20.10	ND	68383	Solid	22.00	ND	9.5	21.05	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	695.00	NC	68406	Solid	25.80	ND	-96.3	360.40	NC	UG/KG

Class=Steroids/Hormones , Analyte=BETA-SITOSTEROL , CAS Number=83465

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	181000.00	NC	68320	Solid 2	55400.00	NC	-69.4	118200.00	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	1420.00	ND	68375	Solid 2	1480.00	ND	4.2	1450.00	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	39000.00	NC	68383	Solid	187000.00	NC	379.5	113000.00	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	913000.00	NC	68406	Solid	1660.00	ND	-99.8	457330.00	NC	UG/KG

Class=Steroids/Hormones , Analyte=DESMOSTEROL , CAS Number=313042

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	6680.00	NC	68320	Solid 2	2650.00	ND	-60.3	4665.00	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	2630.00	ND	68375	Solid 2	2750.00	ND	4.6	2690.00	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	5100.00	ND	68383	Solid	6380.00	NC	25.1	5740.00	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	21700.00	NC	68406	Solid	3090.00	ND	-85.8	12395.00	NC	UG/KG

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Class=Steroids/Hormones , Analyte=EQUILENIN , CAS Number=517099

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	19.90	ND	68320	Solid 2	10.20	ND	-48.7	15.05	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	42.00	ND	68375	Solid 2	21.90	ND	-47.9	31.95	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	25.60	ND	68383	Solid	10.40	ND	-59.4	18.00	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	9.90	ND	68406	Solid	24.30	ND	145.5	17.10	ND	UG/KG

Class=Steroids/Hormones , Analyte=EQUILIN , CAS Number=474862

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	57.80	NC	68320	Solid 2	23.90	NC	-58.7	40.85	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	80.60	ND	68375	Solid 2	34.40	ND	-57.3	57.50	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	41.60	ND	68383	Solid	21.20	ND	-49.0	31.40	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	22.30	NC	68406	Solid	35.40	ND	58.7	28.85	NC	UG/KG

Class=Steroids/Hormones , Analyte=ERGOSTEROL , CAS Number=57874

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	90900.00	NC	68320	Solid 2	2590.00	ND	-97.2	46745.00	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	2570.00	ND	68375	Solid 2	2680.00	ND	4.3	2625.00	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	4970.00	ND	68383	Solid	5440.00	NC	9.5	5205.00	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	14000.00	NC	68406	Solid	3010.00	ND	-78.5	8505.00	NC	UG/KG

Class=Steroids/Hormones , Analyte=ESTRIOL , CAS Number=50271

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	10.40	ND	68320	Solid 2	19.50	ND	87.5	14.95	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	24.70	ND	68375	Solid 2	25.80	ND	4.5	25.25	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	35.00	ND	68383	Solid	14.90	ND	-57.4	24.95	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	157.00	NC	68406	Solid	28.70	ND	-81.7	92.85	NC	UG/KG

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Class=Steroids/Hormones , Analyte=ESTRONE , CAS Number=53167

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	71.40	NC	68320	Solid 2	28.30	NC	-60.4	49.85	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	113.00	NC	68375	Solid 2	26.70	NC	-76.4	69.85	NC	UG/KG
100<MGD	53	11/14/06	68335	Liquid	53.90	NC	68383	Solid	24.10	ND	-55.3	39.00	NC	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	326.00	NC	68406	Solid	38.40	NC	-88.2	182.20	NC	UG/KG

Class=Steroids/Hormones , Analyte=NORETHINDRONE , CAS Number=68224

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	278.00	ND	68320	Solid 2	22.10	ND	-92.1	150.05	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	22.60	ND	68375	Solid 2	23.60	ND	4.4	23.10	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	20.50	ND	68383	Solid	22.40	ND	9.3	21.45	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	52.20	ND	68406	Solid	26.30	ND	-49.6	39.25	ND	UG/KG

Class=Steroids/Hormones , Analyte=NORGESTREL , CAS Number=6533002

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	40.60	ND	68320	Solid 2	41.70	ND	2.7	41.15	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	42.70	ND	68375	Solid 2	56.20	ND	31.6	49.45	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	38.80	ND	68383	Solid	42.40	ND	9.3	40.60	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	40.40	ND	68406	Solid	49.60	ND	22.8	45.00	ND	UG/KG

Class=Steroids/Hormones , Analyte=PROGESTERONE , CAS Number=57830

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	106.00	ND	68320	Solid 2	109.00	ND	2.8	107.50	ND	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	170.00	ND	68375	Solid 2	205.00	ND	20.6	187.50	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	103.00	ND	68383	Solid	192.00	ND	86.4	147.50	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	98.00	ND	68406	Solid	129.00	ND	31.6	113.50	ND	UG/KG

Targeted National Sewage Sludge Survey (TNSSS)
Listings of Measurements for MultipleLocations Within a Single POTW, and Their Aggregated Result,
for Analytes Not Subject to In-Depth Analysis

Class=Steroids/Hormones , Analyte=TESTOSTERONE , CAS Number=58220

Flow Group	Plant ID	Sample Date	Sample ID #1	Sampled Product #1	Conc. of Sample #1	ND Indicator for Sample #1	Sample ID #2	Sampled Product #2	Conc. of Sample #2	ND Indicator for Sample #2	% Difference	Aggregated Conc.	ND Indicator for Aggregate	Units
100<MGD	18	10/18/06	68315	Solid 1	30.80	NC	68320	Solid 2	24.10	ND	-21.8	27.45	NC	UG/KG
1<MGD<10	48	11/09/06	68373	Solid 1	318.00	ND	68375	Solid 2	119.00	ND	-62.6	218.50	ND	UG/KG
100<MGD	53	11/14/06	68335	Liquid	364.00	ND	68383	Solid	107.00	ND	-70.6	235.50	ND	UG/KG
1<MGD<10	74	03/29/07	68407	Liquid	169.00	ND	68406	Solid	137.00	ND	-18.9	153.00	ND	UG/KG

Appendix B.3

Descriptive Statistics of Measurements Collected in the TNSSS, Presented for All Measured Analytes

Table B-4. Descriptive Statistics of Biosolids Data Collected in the TNSSS for Analytes Subject to In-Depth Analysis

Survey weights were not considered in calculating these summaries.

Analyte	CAS Number	Unaggregated Data[1]				Unaggregated Data – Detected Samples Only				Unaggregated Data – Not Detected Samples Only (Sample-Specific Detection Limits)				Aggregated Data[2]			
		n[3]	Mean	S.D.	Median	n[3]	Mean	Min.	Max.	n[3]	Mean	Min.	Max.	n[3]	Mean	S.D.	Median
Metals (mg/kg)																	
Barium	7440393	83	581.17	536.36	430.00	83	581.17	75.10	3460.00	0				74	560.11	440.88	425.50
Beryllium	7440417	83	0.40	0.37	0.28	82	0.40	0.04	2.34	1	0.16	0.16	0.16	74	0.39	0.36	0.28
Manganese	7439965	83	1182.95	2076.63	416.00	83	1182.95	34.80	14900.00	0				74	1208.53	2143.60	420.00
Molybdenum	7439987	83	15.59	14.10	10.80	83	15.59	2.51	86.40	0				74	15.69	14.29	11.47
Silver	7440224	83	30.03	95.48	13.50	83	30.03	1.94	856.00	0				74	31.47	100.96	13.30
Organics (ug/kg)																	
4-Chloroaniline	106478	83	1047.82	990.28	810.00	62	1239.36	51.00	5900.00	21	482.32	59.00	3300.00	74	1069.38	1013.27	862.50
Fluoranthene	206440	83	1558.54	2377.35	560.00	76	1668.07	45.00	12000.00	7	369.37	64.00	872.41	74	1532.07	2353.78	570.00
Pyrene	129000	83	1778.16	2777.24	750.00	71	1955.23	44.17	14000.00	12	730.46	64.00	1800.00	74	1799.89	2879.99	725.00
Classicals (mg/kg)																	
Nitrate/Nitrite	C005	83	191.03	749.55	18.10	83	191.03	1.60	6120.00	0				74	200.78	787.13	17.73
PBDEs (ng/kg)																	
BDE 47	5436431	84	708726	647906	575000	84	708726	73000	5000000	0				78	716577	664709	575000
BDE 99	60348609	84	702667	557186	610000	84	702667	64000	4000000	0				78	709987	568920	610000
BDE 153	68631492	84	68525	57279	56000	84	68525	9100	410000	0				78	69444	58675	56000
BDE 209	1163195	84	2304881	3113103	1200000	83	2308554	150000	17000000	1	2000000	2000000	2000000	78	2390192	3195582	1200000
Pharmaceuticals (ug/kg)																	
4-Epitetra-cycline (ETC)	23313806	84	920.05	925.80	568.00	80	962.54	47.20	4380.00	4	70.20	41.40	108.00	78	919.24	948.61	549
Azithromycin	83905015	84	699.78	1200.00	241.00	80	734.30	10.20	6530.00	4	9.44	8.45	9.92	78	677.19	1105.71	252.5
Carbama-zepine	298464	84	179.45	669.34	38.90	80	187.93	8.74	6030.00	4	9.74	9.03	10.80	78	182.56	693.88	37.4
Cimetidine	51481619	83	809.13	1770.04	172.00	74	906.36	7.59	9780.00	9	9.70	3.85	12.80	77	776.72	1623.33	172
Ciprofloxacin	85721331	84	8196.15	8727.66	5910.00	84	8196.15	74.50	47500.00	0				78	7942.26	8219.85	5910
Diphenhy-dramine	58731	84	810.56	830.72	584.50	84	810.56	36.70	5730.00	0				78	795.23	836.05	582.5
Doxycycline	564250	84	679.02	776.80	509.50	76	745.96	50.80	5090.00	8	43.08	33.80	70.10	78	678.54	801.52	496.5
Erythromycin -total	114078	84	30.37	32.64	19.70	77	32.96	3.10	180.00	7	1.88	1.69	1.98	78	29.9	32.38	19.7
Fluoxetine	54910893	82	234.54	379.22	156.00	79	242.83	12.40	3130.00	3	16.28	9.62	29.30	76	228.15	388.31	145.5
Miconazole	22916478	84	905.76	1570.09	453.00	80	950.59	14.20	9210.00	4	9.16	7.28	10.00	78	892.84	1544.73	472
Ofloxacin	82419361	84	6178.67	8173.49	4015.00	83	6252.81	73.90	58100.00	1	25.30	25.30	25.30	78	6192.09	8297.67	4020
Tetracycline	60548	84	1005.50	1083.12	582.50	81	1040.96	38.30	5270.00	3	47.97	39.70	57.70	78	1006.03	1111.68	570
Triclocarban	101202	84	35475.63	54213.27	21300.00	84	35476	187.00	441000	0				78	36009.97	56055.59	21050
Triclosan	3380345	84	12296.70	16776.10	8245.00	79	13049	430.00	133000	5	408.00	334.00	557.00	78	12087.63	17243.65	7615
Steroids and Hormones (ug/kg)																	
Beta Stigmastanol	19466478	84	152834	215124.03	97250.00	83	154606	3440	1330000	1	5810.00	5810.00	5810.00	78	147568	218655.52	85400
Campesterol	474624	84	97297.50	108466.88	61250.00	84	97298	2840	524000	0				78	90737.69	102506.58	58300
Cholestanol	80977	84	473068	638470.79	288500.00	84	473068	3860	4590000	0				78	463778	650584.95	234500
Cholesterol	57885	84	727338	781385.90	489500.00	81	754162	18700	5390000	3	3100.00	2340.00	4610.00	78	707012	776944.92	468000
Coprostanol	360689	84	2795254	5136475	1395000	84	2795254	7720	43700000	0				78	2768318	5309621	1262500

Table B-4. Descriptive Statistics of Biosolids Data Collected in the TNSSS for Analytes Subject to In-Depth Analysis (continued)

Survey weights were not considered in calculating these summaries.

Analyte	CAS Number	Unaggregated Data[1]				Unaggregated Data – Detected Samples Only				Unaggregated Data – Not Detected Samples Only (Sample-Specific Detection Limits)				Aggregated Data[2]			
		n[3]	Mean	S.D.	Median	n[3]	Mean	Min.	Max.	n[3]	Mean	Min.	Max.	n[3]	Mean	S.D.	Median
Epicopro-stanol	516927	84	818673	1207748	237000.00	83	828511	868.00	6030000	1	2100.00	2100.00	2100.00	78	768039	1192177	212000
Stigmasterol	83487	84	120671	118011.11	99900.00	76	133303	11000	806000	8	670.00	455.00	1960.00	78	113992	102986.04	94950

[1] Unaggregated data correspond to data for all collected samples, with non-detected results replaced by their sample-specific detection limit.

[2] Aggregation involves taking arithmetic averages of measurements for multiple samples selected at a POTW (with non-detected results replaced by sample-specific detection limits) as follows:

- Metals, Organics, and Classicals: within all 10 POTWs having multiple samples collected
- PBDEs, pharmaceuticals, steroids, and hormones: within the six POTWs with field duplicates collected.

[3] n corresponds to the number of data points going into the calculation of the statistics. For unaggregated data summaries, this is equivalent to the number of samples with the given property (e.g., with detected data). For summaries of aggregated data for PBDEs, pharmaceuticals, steroids, and hormones, this is equivalent to the number of POTWs (74) plus the total number of additional samples collected at those POTWs from which samples were collected at multiple locations (four).

Table B-5. Descriptive Statistics of Aggregated[1] Measurement Data Collected in the TNSSS for Analytes Subject to In-Depth Statistical Analysis

POTWs are weighted by their survey weights in these calculations.

Analyte	CAS Number	# Sampled POTWs	Mean	S.D.	Median
Metals (mg/kg)					
Barium	7440393	74	574.70	454.50	426.00
Beryllium	7440417	74	0.39	0.37	0.27
Manganese	7439965	74	1246.90	2228.39	449.00
Molybdenum	7439987	74	15.55	14.36	11.33
Silver	7440224	74	32.28	100.73	13.50
Organics (ug/kg)					
4-Chloroaniline	106478	74	1098.99	1050.65	865.00
Fluoranthene	206440	74	1419.54	2246.72	550.00
Pyrene	129000	74	1646.72	2592.77	620.00
Classicals (mg/kg)					
Nitrate/Nitrite	C005	74	219.31	827.55	13.80
PBDEs (ng/kg)					
BDE 47	5436431	78	713480.39	585979.20	600000.00
BDE 99	60348609	78	710712.03	514668.77	630000.00
BDE 153	68631492	78	68184.20	53260.74	57000.00
BDE 209	1163195	78	2230487.76	3082809.55	1200000.00
Pharmaceuticals (ug/kg)					
4-Epitetracycline (ETC)	23313806	78	1024.39	965.42	654.50
Azithromycin	83905015	78	720.32	1130.15	272.00
Carbamazepine	298464	78	162.71	546.99	45.00
Cimetidine	51481619	77	868.53	1716.28	234.00
Ciprofloxacin	85721331	78	8675.83	8484.44	6300.00
Diphenhydramine	58731	78	824.07	858.35	587.00
Doxycycline	564250	78	759.67	836.66	572.00
Erythromycin-Total	114078	78	32.27	33.41	21.50
Fluoxetine	54910893	76	244.78	393.51	157.00
Miconazole	22916478	78	979.73	1635.36	507.50
Ofloxacin	82419361	78	6687.79	8668.22	4410.00
Tetracycline (TC)	60548	78	1123.15	1134.01	733.00
Triclocarban	101202	78	38744.55	59650.63	21900.00
Triclosan	3380345	78	12112.89	18103.20	6510.00
Steroids (ug/kg)					
Beta Stigmastanol	19466478	78	149601.91	224589.50	96750.00
Campesterol	474624	78	88912.94	101432.61	53600.00
Cholestanol	80977	78	474844.54	672156.73	240000.00
Cholesterol	57885	78	712791.94	809333.96	441000.00
Coprostanol	360689	78	2831294.87	5667268.90	1220000.00
Epicoprostanol	516927	78	757140.09	1190690.75	165000.00
Stigmasterol	83487	78	115683.54	105410.04	99600.00

[1] In these calculations, non-detected results were replaced by their sample-specific detection limits. Aggregation involves taking arithmetic averages of measurements for multiple samples selected at a POTW as follows:

- Metals, Organics, and Classicals: within all 10 POTWs having multiple samples collected
- PBDEs, pharmaceuticals, steroids, and hormones: within the six POTWs with field duplicates collected.

Table B-6. Descriptive Statistics of Biosolids Data Collected in the TNSSS for Analytes NOT Subject to In-Depth Analysis

Survey weights were not considered in calculating these summaries.

Note: The summaries in this table are preliminary, and EPA has not performed an in-depth statistical analysis on the analytes listed here. If information becomes available at some later time that warrants further evaluation of these analytes, or if other analytes become the basis for any decision-making activities, then EPA will perform in-depth statistical analyses and possibly revise the preliminary results. Therefore, please exercise caution when interpreting the summaries in this table.

Analyte	CAS Number	Unaggregated Data[1]				Unaggregated Data – Detected Samples Only				Unaggregated Data – Not Detected Samples Only (Sample-Specific Detection Limits)				Aggregated Data[2]			
		n[3]	Mean	S.D.	Median	n[3]	Mean	Min.	Max.	n[3]	Mean	Min.	Max.	n[3]	Mean	S.D.	Median
Metals (mg/kg)																	
Aluminum	7429905	83	13713.01	10252.16	11200.00	83	13713	1400	57300.00	0				74	13494.66	9896.51	11200.00
Antimony	7440360	83	2.18	2.82	1.61	71	2.54	0.45	20.50	12	0.05	0.01	0.05	74	2.20	2.88	1.48
Arsenic	7440382	83	6.82	6.45	5.03	83	6.82	1.18	49.20	0				74	6.94	6.65	4.96
Boron	7440428	83	40.97	32.92	32.20	79	41.24	5.70	131.00	4	35.78	9.40	104.00	74	41.90	32.87	33.00
Cadmium	7440439	83	2.64	2.51	1.74	83	2.64	0.21	11.80	0				74	2.64	2.44	1.76
Calcium	7440702	83	42155.18	47827.10	27400.00	83	42155	9480	311000	0				74	41025.41	42797.19	27000.00
Chromium	7440473	83	81.46	141.61	34.70	83	81.46	6.74	1160.00	0				74	80.16	147.41	32.68
Cobalt	7440484	83	10.29	33.00	4.54	83	10.29	0.87	290.00	0				74	10.73	34.89	4.59
Copper	7440508	83	562.59	397.66	463.00	83	562.59	115.00	2580.00	0				74	553.13	360.43	456.00
Iron	7439896	83	25775.06	26128.34	16200.00	83	25775	1580	131000	0				74	26252.50	27091.35	15650.00
Lead	7439921	83	79.62	80.03	46.80	83	79.62	5.81	450.00	0				74	76.19	72.32	46.15
Magnesium	7439954	83	5089.98	3643.64	4300.00	83	5089.98	696.00	18400.00	0				74	4956.61	3310.35	4460.00
Mercury	7439976	83	1.27	1.36	0.85	83	1.27	0.17	8.26	0				74	1.23	1.24	0.83
Nickel	7440020	83	52.30	99.29	23.60	83	52.30	7.44	526.00	0				74	48.32	90.09	23.45
Phosphorus	7723140	83	21538.07	11742.65	18300.00	83	21538	2620	69400.00	0				74	21806.49	11590.18	19300.00
Selenium	7782492	83	7.04	4.44	6.20	83	7.04	1.10	24.70	0				74	7.00	4.13	6.20
Sodium	7440235	83	2587.88	4948.66	939.00	83	2587.88	154.00	26600.00	0				74	2699.97	4984.68	1017.75
Thallium	7440280	83	0.18	0.20	0.13	79	0.18	0.02	1.68	4	0.13	0.10	0.16	74	0.18	0.21	0.13
Tin	7440315	83	47.95	62.21	37.20	77	49.26	7.50	522.00	6	31.18	19.70	58.00	74	48.42	65.26	36.15
Titanium	7440326	83	319.86	953.12	86.90	82	323.62	18.50	7020.00	1	11.60	11.60	11.60	74	278.08	776.46	85.70
Vanadium	7440622	83	36.45	73.69	13.90	83	36.45	2.04	617.00	0				74	36.19	76.75	12.65
Yttrium	7440655	83	4.81	4.54	3.79	83	4.81	0.70	26.30	0				74	4.82	4.24	3.89
Zinc	7440666	83	980.16	1003.95	798.00	83	980.16	216.00	8550.00	0				74	970.01	1004.55	784.00
Organics (ug/kg)																	
2-Methylnaph-thalene	91576	83	439.56	702.08	240.00	39	461.99	10.00	4600.00	44	419.68	25.83	4200.00	74	455.79	735.52	225.00
Benzo(A) Pyrene	50328	83	744.58	994.56	330.00	63	856.12	63.00	4500.00	20	393.21	25.83	1200.00	74	713.97	935.78	320.00
Bis(2-Ethylhexyl) Phthalate	117817	83	52378.23	63274.32	27000.00	83	52378	657.35	310000	0				74	52862.48	65850.94	24000.00
Classicals (mg/kg)																	
Fluoride	16984488	83	57.31	38.86	51.00	83	57.31	7.60	234.00	0				74	59.42	39.48	54.10
Water-Extractable Phosphorus	C055	83	926.51	1624.57	391.00	83	926.51	11.00	9550.00	0				74	988.08	1704.52	420.75
PBDEs (ng/kg)																	
BDE 28	41318756	84	14971.43	23266.40	8900.00	84	14971	2200	160000	0				78	15348.72	24067.17	8900.00

Table B-6. Descriptive Statistics of Biosolids Data Collected in the TNSSS for Analytes NOT Subject to In-Depth Analysis (continued)

Survey weights were not considered in calculating these summaries.

Note: The summaries in this table are preliminary, and EPA has not performed an in-depth statistical analysis on the analytes listed here. If information becomes available at some later time that warrants further evaluation of these analytes, or if other analytes become the basis for any decision-making activities, then EPA will perform in-depth statistical analyses and possibly revise the preliminary results. Therefore, please exercise caution when interpreting the summaries in this table.

Analyte	CAS Number	Unaggregated Data[1]				Unaggregated Data – Detected Samples Only				Unaggregated Data – Not Detected Samples Only (Sample-Specific Detection Limits)				Aggregated Data[2]			
		n[3]	Mean	S.D.	Median	n[3]	Mean	Min.	Max.	n[3]	Mean	Min.	Max.	n[3]	Mean	S.D.	Median
BDE 66	189084615	84	17071.43	18015.60	12000.00	84	17071	1800	110000	0				78	17396.79	18548.13	12000.00
BDE 85	182346210	84	27734.52	21674.46	23000.00	84	27735	3200	150000	0				78	27943.59	22002.27	23000.00
BDE 100	189084648	84	148381	140138.82	120000.00	84	148381	13000	1100000	0				78	150365	143778.82	120000.00
BDE 138	182677301	84	10528.57	12239.90	7000.00	56	10250	1900	40000	28	11085.71	4800.00	100000	78	10748.08	12634.40	7000.00
BDE 154	207122154	84	59067.86	56371.86	46500.00	84	59068	7700	440000	0				78	59900.00	57915.50	46500.00
BDE 183	207122165	84	16217.86	19810.28	10000.00	84	16218	2100	120000	0				78	16664.74	20471.89	10000.00
Pharmaceuticals (ug/kg)																	
1,7-Dimethyl-xanthine	611596	84	1144.36	974.90	992.00	4	3800.00	1130	9580.00	80	1011.58	461.00	1610.00	78	1155.73	1007.98	992
4-Epianhydro-chlortetra-cycline (EACTC)	158018532	84	418.93	92.81	397.50	0				84	418.93	185.00	788.00	78	419.28	88.21	397.25
4-Epianhydro-tetracycline (EATC)		84	236.77	285.83	120.00	31	420.00	126.00	2160.00	53	129.60	72.80	419.00	78	235.73	292.32	112.5
4-Epichlor-tetracycline (ECTC)	14297939	84	117.71	97.35	101.00	1	974.00	974.00	974.00	83	107.40	46.10	187.00	78	118.22	100.54	100.5
4-Epioxytetra-cycline (EOTC)	14206587	84	45.17	12.10	41.20	8	45.79	35.70	54.90	76	45.10	18.50	91.90	78	45.26	11.75	41.2
Acetamino-phen	103902	84	455.51	201.32	397.00	2	1210.00	1120	1300.00	82	437.11	188.00	1370.00	78	454.45	188	397
Albuterol	18559949	83	5.01	5.82	5.00	1	23.20	23.20	23.20	82	4.79	0.93	48.90	77	4.97	5.76	5
Anhydrochlort etracycline (ACTC)	4497089	84	124.82	56.11	105.50	1	125.00	125.00	125.00	83	124.82	54.50	370.00	78	124.22	53.9	105
Anhydrotet-racycline (ATC)	4496859	84	245.92	267.93	141.00	52	324.22	94.30	1960.00	32	118.68	83.50	260.00	78	246.37	275.49	138.5
Caffeine	58082	84	226.36	235.52	104.00	39	372.18	65.10	1110.00	45	99.98	83.50	187.00	78	224.22	232.25	104.5
Carbadox	6804075	84	11.59	7.64	9.93	0				84	11.59	4.61	69.60	78	11.66	7.8	9.93
Cefotaxime	63527526	84	100.45	118.66	57.95	0				84	100.45	33.10	822.00	78	102.36	122.06	59.35
Chlortetracycli ne (CTC)	57625	84	53.36	105.95	40.20	1	1010.00	1010	1010.00	83	41.83	18.50	74.80	78	54.24	109.89	39.85
Clarithro-mycin	81103119	84	39.38	76.21	13.15	45	64.95	8.68	617.00	39	9.88	4.61	18.70	78	39.9	78.31	13.4
Clinafloxacin	105956976	84	70.98	117.87	40.75	0				84	70.98	25.30	1030.00	78	71.07	120.13	40.55
Cloxacillin	61723	84	25.58	21.54	20.15	0				84	25.58	9.23	167.00	78	25.81	22.14	20.15
Codeine	76573	84	30.72	38.91	20.05	20	64.09	9.59	328.00	64	20.29	11.80	37.50	78	30.4	38.81	19.95
Cotinine	486566	84	52.84	113.74	12.65	39	91.80	11.40	690.00	45	19.07	7.78	176.00	78	54.11	117.23	12.45
Dehydroni-fedipine	67035227	84	5.10	3.48	4.04	19	8.55	3.48	24.60	65	4.09	1.85	10.70	78	4.97	3.02	4.04

Table B-6. Descriptive Statistics of Biosolids Data Collected in the TNSSS for Analytes NOT Subject to In-Depth Analysis (continued)

Survey weights were not considered in calculating these summaries.

Note: The summaries in this table are preliminary, and EPA has not performed an in-depth statistical analysis on the analytes listed here. If information becomes available at some later time that warrants further evaluation of these analytes, or if other analytes become the basis for any decision-making activities, then EPA will perform in-depth statistical analyses and possibly revise the preliminary results. Therefore, please exercise caution when interpreting the summaries in this table.

Analyte	CAS Number	Unaggregated Data[1]				Unaggregated Data – Detected Samples Only				Unaggregated Data – Not Detected Samples Only (Sample-Specific Detection Limits)				Aggregated Data[2]			
		n[3]	Mean	S.D.	Median	n[3]	Mean	Min.	Max.	n[3]	Mean	Min.	Max.	n[3]	Mean	S.D.	Median
Demeclocycline	127333	84	104.85	23.40	99.20	3	153.33	96.00	200.00	81	103.05	46.10	187.00	78	105.25	22.84	99.2
Digoxigenin	1672464	84	55.24	42.75	40.05	0				84	55.24	18.50	269.00	78	55.34	42.9	39.85
Digoxin	20830755	84	195.68	324.81	101.00	0				84	195.68	46.10	2340.00	78	200	335.54	101
Diltiazem	42399417	84	35.55	52.89	13.85	69	42.66	1.39	225.00	15	2.80	1.69	14.00	78	36.98	54.42	13.85
Enrofloxacin	93106606	84	26.49	27.62	19.85	14	33.61	12.10	66.00	70	25.06	14.60	250.00	78	26.77	28.51	19.83
Flumequine	42835256	84	10.52	3.21	9.92	0	.	.	.	84	10.52	4.61	34.70	78	10.56	3.23	9.92
Gemfibrozil	25812300	84	205.11	406.51	101.50	76	225.73	12.10	2650.00	8	9.21	8.35	10.00	78	211.05	421.24	100.65
Ibuprofen	15687271	84	620.63	1606.49	143.00	54	911.73	99.50	11900.00	30	96.65	79.60	139.00	78	614.16	1637.84	142
Isochlortetracycline (ICTC)	514534	84	78.01	338.21	39.70	1	3140.00	314000	3140.00	83	41.11	18.50	74.90	78	80.94	350.95	39.7
Lincomycin	154212	84	29.13	25.81	19.95	3	25.47	13.90	33.40	81	29.27	11.80	178.00	78	29.08	25.83	19.95
Lomefloxacin	98079517	84	22.34	14.25	19.85	2	36.55	33.30	39.80	82	21.99	9.23	144.00	78	22.52	14.68	19.83
Metformin	657249	83	512.05	427.39	542.00	6	781.50	550.00	1160.00	77	491.05	92.80	2980.00	77	514.48	429.98	542
Minocycline	10118908	72	620.04	982.77	431.00	32	852.50	351.00	8650.00	40	434.08	318.00	749.00	67	626.29	1018.16	430
Naproxen	22204531	84	83.19	135.44	34.15	44	137.85	20.90	1020.00	40	23.05	16.70	57.20	78	81.55	137	30.78
Norfloxacin	70458967	84	252.51	632.96	106.00	29	314.63	99.30	1290.00	55	219.75	72.80	5700.00	78	250.21	649.05	107
Norgestimate	35189287	84	26.42	29.47	20.15	0				84	26.42	9.23	269.00	78	26.57	30.3	20.15
Ormetoprim	6981186	84	4.13	0.82	3.97	1	5.91	5.91	5.91	83	4.11	1.85	7.49	78	4.15	0.78	3.97
Oxacillin	66795	84	20.62	4.27	19.80	0				84	20.62	9.23	42.50	78	20.68	4.11	19.8
Oxolinic Acid	14698294	84	5.01	4.02	4.06	1	39.40	39.40	39.40	83	4.59	2.91	11.20	78	5.01	4.16	4.04
Oxytetracycline (OTC)	79572	84	56.20	50.70	41.75	29	83.15	18.60	467.00	55	42.00	23.50	74.90	78	56.81	52.25	42
Penicillin G	61336	84	20.68	4.20	19.80	0				84	20.68	9.23	40.80	78	20.74	4.03	19.8
Penicillin V	87081	84	41.14	7.96	39.70	0				84	41.14	18.50	74.90	78	41.23	7.58	39.7
Ranitidine	66357355	83	48.21	246.11	11.60	46	80.09	3.83	2250.00	37	8.57	3.44	16.60	77	50.53	255.3	12
Roxithromycin	80214831	84	7.97	8.68	5.05	3	19.67	14.30	22.80	81	7.54	1.69	51.90	78	7.75	8.77	4.85
Sarafloxacin	98105998	84	258.83	645.71	92.40	2	1079.50	179.00	1980.00	82	238.81	66.40	5450.00	78	265.59	667.69	92.5
Sulfachloropyridazine	80320	83	11.68	9.13	9.92	2	47.30	35.90	58.70	81	10.80	4.61	71.80	77	11.67	9.16	9.92
Sulfadiazine	68359	83	12.84	16.25	9.92	3	80.07	22.90	140.00	80	10.32	4.61	32.90	77	13.07	16.84	9.92
Sulfadimethoxine	122112	83	3.40	6.99	2.02	5	16.85	3.58	62.20	78	2.54	0.92	18.90	77	3.38	7.09	2.02
Sulfamerazine	127797	83	4.99	4.70	3.97	1	5.61	5.61	5.61	82	4.98	1.85	33.60	77	5.02	4.81	3.97
Sulfamethazine	57681	83	7.03	11.38	4.04	2	22.35	21.50	23.20	81	6.65	2.91	99.40	77	7.04	11.69	4.04
Sulfamethizole	144821	83	4.71	3.05	3.98	0				83	4.71	1.85	24.70	77	4.68	2.94	3.98
Sulfamethoxazole	723466	83	17.90	72.72	4.20	30	42.40	3.91	651.00	53	4.04	1.85	8.31	77	18.84	75.44	4.22
Sulfanilamide	63741	83	444.73	1881.55	99.20	8	3651.50	191.00	15600.00	75	102.67	46.10	294.00	77	470.33	1951.97	99.2
Sulfathiazole	72140	83	10.70	3.59	9.92	1	21.00	21.00	21.00	82	10.58	4.61	32.60	77	10.74	3.6	9.92

Table B-6. Descriptive Statistics of Biosolids Data Collected in the TNSSS for Analytes NOT Subject to In-Depth Analysis (continued)

Survey weights were not considered in calculating these summaries.

Note: The summaries in this table are preliminary, and EPA has not performed an in-depth statistical analysis on the analytes listed here. If information becomes available at some later time that warrants further evaluation of these analytes, or if other analytes become the basis for any decision-making activities, then EPA will perform in-depth statistical analyses and possibly revise the preliminary results. Therefore, please exercise caution when interpreting the summaries in this table.

Analyte	CAS Number	Unaggregated Data[1]				Unaggregated Data – Detected Samples Only				Unaggregated Data – Not Detected Samples Only (Sample-Specific Detection Limits)				Aggregated Data[2]			
		n[3]	Mean	S.D.	Median	n[3]	Mean	Min.	Max.	n[3]	Mean	Min.	Max.	n[3]	Mean	S.D.	Median
Thiabenda-zole	148798	84	36.67	50.89	15.70	58	48.72	8.42	239.00	26	9.80	8.45	11.10	78	35.08	47.28	15.7
Trimethoprim	738705	84	28.17	34.82	11.00	24	51.03	12.40	204.00	60	19.03	4.61	165.00	78	28.67	35.63	10.85
Tylosin	1401690	84	264.60	326.52	138.00	0				84	264.60	33.80	1670.00	78	259.38	327.32	129
Virginiamycin	11006761	84	132.46	211.04	73.35	15	165.45	43.50	469.00	69	125.29	19.20	1750.00	78	132.65	218.36	72.6
Warfarin	81812	84	10.51	2.87	9.92	0				84	10.51	4.61	29.30	78	10.55	2.86	9.92
Steroids and Hormones (ug/kg)																	
17 Alpha-Dihydroe-quilin	651558	80	21.60	11.90	20.00	1	98.40	98.40	98.40	79	20.63	7.04	49.20	74	21.01	9.68	20
17 Alpha-Estradiol	57910	78	22.53	6.23	21.40	5	26.46	16.10	48.80	73	22.26	12.80	61.90	73	22.62	6.35	21.4
17 Alpha-Ethinyl-Estradiol	57636	80	24.98	2.76	25.35	0				80	24.98	9.95	30.20	74	25.05	2.34	25.3
17 Beta-Estradiol	50282	84	35.57	47.81	21.55	11	79.37	22.00	355.00	73	28.97	16.20	231.00	78	32.9	38.4	21.5
Androstened-ione	63058	78	328.44	315.91	167.00	32	511.00	108.00	1520.00	46	201.45	57.70	1100.00	73	324.3	312.55	173
Androsterone	53418	78	126.64	149.43	82.25	50	163.60	21.30	1030.00	28	60.64	14.00	177.00	73	123.94	149.68	79.6
Beta-Estradiol 3-Benzoate	50500	80	140.36	349.12	23.15	18	493.57	30.20	1850.00	62	37.81	18.00	441.00	74	133.01	325.29	23.15
Beta-Sitosterol	83465	84	302123	295934	251500	73	347262	24400	1640000	11	2565.45	1210.00	5880.00	78	286952.82	285475.96	214500
Desmosterol	313042	84	14815.83	15535.92	10650.00	58	18612	2730	94400.00	26	6348.08	2230.00	11500.00	78	14807.82	15624.64	10650
Equilenin	517099	78	15.87	9.67	10.75	1	60.60	60.60	60.60	77	15.29	4.01	42.00	73	15.93	9.61	10.8
Equilin	474862	78	35.47	23.07	23.10	15	51.01	22.30	107.00	63	31.77	8.18	111.00	73	34.74	22.11	23
Ergosterol	57874	84	20080.00	19648.21	13200.00	53	28355	4530	91900.00	31	5933.23	2180.00	11000.00	78	19548.46	19667.81	11950
Estriol	50271	80	38.85	40.38	24.75	18	80.26	7.56	232.00	62	26.82	5.80	92.50	74	37.86	38.26	24.75
Estrone	53167	78	109.34	159.94	56.55	60	133.06	26.70	965.00	18	30.31	19.70	110.00	73	109.74	162.68	59.2
Norethindrone	68224	82	89.88	305.76	22.35	5	305.82	21.00	1360.00	77	75.86	9.61	2210.00	76	94.7	317.18	22.4
Norgestrel	6533002	80	66.16	148.13	42.20	4	392.83	43.80	1300.00	76	48.97	22.40	458.00	74	64.91	149.07	42.1
Progesterone	57830	83	336.00	378.36	145.00	19	725.00	143.00	1290.00	64	220.52	67.40	2010.00	77	327.19	354.22	143
Testosterone	58220	78	160.28	254.99	93.55	17	293.06	30.80	2040.00	61	123.28	22.10	511.00	73	162.42	262.51	94.3

[1] Unaggregated data correspond to data for all collected samples, with non-detected results replaced by their sample-specific detection limit.

[2] Aggregation involves taking arithmetic averages of measurements for multiple samples selected at a POTW as follows (with non-detected results replaced by sample-specific detection limits):

- Metals, Organics, and Classicals: within all 10 POTWs having multiple samples collected
- PBDEs, pharmaceuticals, steroids, and hormones: within the six POTWs with field duplicates collected.

[3] n corresponds to the number of data points going into the calculation of the statistics. For unaggregated data summaries, this is equivalent to the number of samples with the given property (e.g., with detected data). For summaries of aggregated data for PBDEs, pharmaceuticals, steroids, and hormones, this is equivalent to the number of POTWs (74) plus the total number of additional samples collected at those POTWs from which samples were collected at multiple locations (four).

Table B-7. Weighted Descriptive Statistics, and Estimated 95th Percentile, of Aggregated[1] Measurement Data for Analytes NOT Subject to In-Depth Analysis Analytes

POTWs are weighted by their survey weights in these calculations.

Note: The summaries in this table are preliminary, and EPA has not performed an in-depth statistical analysis on the analytes listed here. If information becomes available at some later time that warrants further evaluation of these analytes, or if other analytes become the basis for any decision-making activities, then EPA will perform in-depth statistical analyses and possibly revise the preliminary results. Therefore, please exercise caution when interpreting the summaries in this table.

Analyte	CAS Number	# Sampled POTWs	Mean	S.D.	Median	95th Percentile[2]
Metals (mg/kg)						
Aluminum	7429905	74	13477.80	10020.66	11200.00	34525.52
Antimony	7440360	74	2.26	2.99	1.42	14.18
Arsenic	7440382	74	6.76	6.84	4.95	15.13
Boron	7440428	74	43.25	33.70	33.00	122.42
Cadmium	7440439	74	2.48	2.28	1.72	6.09
Calcium	7440702	74	39539.11	39847.24	25950.00	96371.30
Chromium	7440473	74	78.15	152.58	30.60	212.92
Cobalt	7440484	74	10.99	36.71	4.44	21.51
Copper	7440508	74	558.54	368.89	449.00	1330.71
Iron	7439896	74	24742.64	27716.08	13250.00	71425.51
Lead	7439921	74	73.96	73.51	44.40	210.31
Magnesium	7439954	74	4705.62	2978.38	4300.00	11295.55
Mercury	7439976	74	1.27	1.29	0.83	3.20
Nickel	7440020	74	47.38	92.09	22.80	108.42
Phosphorus	7723140	74	21668.72	11761.54	18300.00	43262.02
Selenium	7782492	74	7.10	4.18	6.20	15.97
Sodium	7440235	74	2873.59	5102.50	1110.00	8344.24
Thallium	7440280	74	0.17	0.21	0.13	0.41
Tin	7440315	74	43.54	40.38	36.20	102.33
Titanium	7440326	74	221.31	601.17	80.90	627.73
Vanadium	7440622	74	33.94	79.63	11.60	86.76
Yttrium	7440655	74	4.55	3.63	3.54	12.07
Zinc	7440666	74	969.77	1054.80	759.00	2110.95
Organics (ug/kg)						
2-Methylnaphthalene	91576	74	449.04	746.50	200.00	1111.65
Benzo(A)Pyrene	50328	74	661.00	849.06	320.00	2259.31
Bis(2-Ethylhexyl) Phthalate	117817	74	48142.54	65207.23	23000.00	226937.29
Classicals (mg/kg)						
Fluoride	16984488	74	58.20	35.87	54.20	132.68
Water-Extractable Phosphorus	C055	74	1062.09	1770.57	480.00	5012.47
PBDEs (ng/kg)						
BDE 28	41318756	78	13990.24	20783.92	8500.00	33076.02
BDE 66	189084615	78	16536.70	16088.17	12000.00	41134.17
BDE 85	182346210	78	27824.89	20202.11	23000.00	66312.15
BDE 100	189084648	78	148973.10	125545.38	120000.00	362133.61
BDE 138	182677301	78	10807.30	12722.42	7000.00	20822.02
BDE 154	207122154	78	58730.15	50756.61	49000.00	143826.47
BDE 183	207122165	78	15079.78	17215.83	10000.00	36522.57
Pharmaceuticals (ug/kg)						
1,7-Dimethylxanthine	611596	78	1180.46	1088.76	986.50	1440.00
4-Epianhydrochlortetracycline (EACTC)	158018532	78	420.71	93.69	397.00	576.00
4-Epianhydrotetracycline (EATC)	4465650	78	251.31	301.11	140.00	797.00
4-Epichlortetracycline (ECTC)	14297939	78	119.08	102.85	100.00	160.50
4-Epioxytetracycline (EOTC)	14206587	78	45.30	11.66	41.50	68.60
Acetaminophen	103902	78	461.80	200.38	395.50	973.00
Albuterol	18559949	77	5.23	6.15	5.29	8.70
Anhydrochlortetracycline (ACTC)	4497089	78	126.25	57.29	105.00	249.00
Anhydrotetracycline (ATC)	4496859	78	262.91	283.89	153.00	680.00
Caffeine	58082	78	231.59	239.33	103.00	881.00
Carbadox	6804075	78	11.92	8.39	9.92	18.75
Cefotaxime	63527526	78	104.14	129.17	56.90	280.00
Chlortetracycline (CTC)	57625	78	55.08	112.26	39.70	57.60
Clarithromycin	81103119	78	41.58	81.76	13.40	141.00
Clinafloxacin	105956976	78	75.56	129.39	40.40	217.00
Cloxacillin	61723	78	26.35	23.82	19.85	45.40
Codeine	76573	78	30.63	40.75	19.90	70.40
Cotinine	486566	78	57.97	120.79	13.20	332.00
Dehydronifedipine	67035227	78	5.03	3.12	4.04	10.70
Demeclocycline	127333	78	105.97	24.36	99.20	147.00

Table B-7. Weighted Descriptive Statistics, and Estimated 95th Percentile, of Aggregated[1] Measurement Data for Analytes NOT Subject to In-Depth Analysis Analytes (continued)

POTWs are weighted by their survey weights in these calculations.

Note: The summaries in this table are preliminary, and EPA has not performed an in-depth statistical analysis on the analytes listed here. If information becomes available at some later time that warrants further evaluation of these analytes, or if other analytes become the basis for any decision-making activities, then EPA will perform in-depth statistical analyses and possibly revise the preliminary results. Therefore, please exercise caution when interpreting the summaries in this table.

Analyte	CAS Number	# Sampled POTWs	Mean	S.D.	Median	95th Percentile[2]
Digoxigenin	1672464	78	57.18	45.42	39.75	139.00
Digoxin	20830755	78	208.34	360.42	99.40	613.00
Diltiazem	42399417	78	40.20	56.35	14.80	199.00
Enrofloxacin	93106606	78	27.87	30.69	19.80	66.00
Flumequine	42835256	78	10.63	3.47	9.87	14.00
Gemfibrozil	25812300	78	213.56	437.13	101.00	665.00
Ibuprofen	15687271	78	652.80	1703.48	143.00	2980.00
Isochlortetracycline (ICTC)	514534	78	83.35	358.47	39.55	57.60
Lincomycin	154212	78	30.20	27.43	19.90	85.10
Lomefloxacin	98079517	78	22.93	15.84	19.80	33.30
Metformin	657249	77	533.68	451.80	546.00	1160.00
Minocycline	10118908	67	660.76	1090.03	433.00	1180.00
Naproxen	22204531	78	86.20	146.58	31.60	316.00
Norfloxacin	70458967	78	274.57	699.46	109.00	684.00
Norgestimate	35189287	78	27.52	32.68	19.85	56.10
Ormetoprim	6981186	78	4.16	0.84	3.96	5.76
Oxacillin	66795	78	20.75	4.38	19.80	28.00
Oxolinic Acid	14698294	78	4.68	2.07	4.04	7.49
Oxytetracycline (OTC)	79572	78	57.87	53.47	43.15	113.00
Penicillin G	61336	78	20.82	4.30	19.80	28.00
Penicillin V	87081	78	41.36	8.06	39.55	56.00
Ranitidine	66357355	77	57.66	276.53	12.50	89.80
Roxithromycin	80214831	78	8.10	9.17	4.72	22.35
Sarafloxacin	98105998	78	293.65	718.92	91.90	1150.00
Sulfachloropyridazine	80320	77	11.96	9.91	9.84	14.00
Sulfadiazine	68359	77	13.61	18.22	9.84	22.90
Sulfadimethoxine	122112	77	3.57	7.67	2.01	7.35
Sulfamerazine	127797	77	5.18	5.20	3.96	9.74
Sulfamethazine	57681	77	7.38	12.57	4.02	21.50
Sulfamethizole	144821	77	4.72	3.06	3.97	10.50
Sulfamethoxazole	723466	77	21.65	81.60	4.32	67.70
Sulfanilamide	63741	77	536.88	2110.35	99.20	2390.00
Sulfathiazole	72140	77	10.69	3.68	9.84	14.00
Thiabendazole	148798	78	36.59	49.33	16.50	137.00
Trimethoprim	738705	78	30.37	37.72	10.80	114.00
Tylosin	1401690	78	268.71	342.85	128.00	872.50
Virginiamycin	11006761	78	137.50	233.05	73.30	469.00
Warfarin	81812	78	10.48	2.60	9.87	14.40
Steroids and Hormones (ug/kg)						
17 Alpha-Dihydroequilin	651558	74	20.58	9.62	19.40	38.70
17 Alpha-Estradiol	57910	73	22.54	6.45	21.40	27.20
17 Alpha-Ethinyl-Estradiol	57636	74	24.93	2.44	25.00	28.15
17 Beta-Estradiol	50282	78	34.33	40.48	21.50	131.00
Androstenedione	63058	73	326.82	325.94	158.00	1100.00
Androsterone	53418	73	120.29	130.72	84.90	332.00
Beta-Estradiol 3-Benzoate	50500	74	146.80	345.64	23.20	695.00
Beta-Sitosterol	83465	78	291398.60	294849.73	207000.00	885000.00
Desmosterol	313042	78	15654.68	16484.25	10800.00	38500.00
Equilenin	517099	73	16.00	9.84	10.90	32.30
Equilin	474862	73	34.77	22.37	23.00	80.60
Ergosterol	57874	78	19829.93	18535.97	12600.00	56100.00
Estriol	50271	74	38.70	38.78	24.80	128.00
Estrone	53167	73	105.97	160.61	51.20	326.00
Norethindrone	68224	76	101.84	338.51	22.30	146.00
Norgestrel	6533002	74	66.94	155.02	42.00	111.00
Progesterone	57830	77	322.37	355.78	139.00	1260.00
Testosterone	58220	73	162.85	270.69	95.20	511.00

[1] In these calculations, non-detected results were replaced by their sample-specific detection limits. Aggregation involves taking arithmetic averages of measurements for multiple samples selected at a POTW as follows:

- Metals, Organics, and Classicals: within all 10 POTWs having multiple samples collected
- PBDEs, pharmaceuticals, steroids, and hormones: within the six POTWs with field duplicates collected.

[2] 95th percentile was calculated using the nonparametric approach documented in Section C.2 of Appendix C for pharmaceuticals, steroids, and hormones, and using the lognormal approach documented in Section C.1 of Appendix C for all other analytes.