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June 10, 2015

VIA CERTIFIED MAIL – RETURN RECEIPT REQUESTED

FRASURE CREEK MINING, LLC
P.O. Box 100
Oak Hill, WV 25901

TRINITY COAL CORPORATION
P.O. Box 100
Oak Hill, WV 25901

Registered Agent for Frasure Creek Mining, LLC and Trinity Coal Corporation:
NATIONAL CORPORATE RESEARCH, LTD.
828 Lane Allen Rd.
Suite 219
Lexington, KY 40504

Re: Notice of Intent to Sue for Clean Water Act Violations

Dear Sir or Madam:

The purpose of this letter is to inform you that Appalachian Voices, Inc., Waterkeeper Alliance, Inc., Kentuckians For The Commonwealth, Inc., Kentucky Riverkeeper, Inc., and Sierra Club (collectively, the “Citizen Groups”) intend to sue Frasure Creek Mining, LLC and Trinity Coal Corporation (collectively, “Frasure Creek”) for violations of the federal Clean Water Act (“CWA”) and the laws of Kentucky.

Under CWA § 301(a), 33 U.S.C. § 1311(a), it is unlawful for any person to discharge a pollutant into waters of the United States from a point source without, or in violation of, a permit issued pursuant to CWA § 402, 33 U.S.C. § 1342. In order to comply with permit conditions and CWA statutory requirements, owners and operators of point sources are required to “install, use, and maintain . . . monitoring equipment or methods” to sample effluents. CWA § 308(A)(iii)-(iv), 33 U.S.C. § 1318(A)(iii)-(iv). In addition, owners and operators must “establish and maintain such records” and submit them in the form of discharge monitoring reports (“DMRs”) in accordance with CWA § 308(A)(i)-(ii), 33 U.S.C. § 1318(A)(i)-(ii), permit conditions, and applicable

regulations. CWA §308(a)(4)(A)(i), 33 U.S.C. § 1318(a)(4)(A)(1).

Frasure Creek has violated, and continues to violate, “an effluent standard or limitation” under CWA §§ 505(a)(1)(A) and (f), 33 U.S.C. §§ 1365(a)(1)(A) and (f), in reference to its KPDES permits issued by the Kentucky Energy and Environment Cabinet (“Cabinet”), pursuant to § 402(b) of the CWA, 33 U.S.C. § 1342(b). Violation of “an effluent standard or limitation,” for purposes of a KPDES permit, is defined pursuant to CWA § 505(f), 33 U.S.C. § 1365(f), 401 K.A.R. 5:065 and 40 C.F.R. §§ 122 and 123.25.

The violations noticed herein continue from false reporting violations first alleged by the Citizens Groups in 2010.¹ Five years ago the Citizen Groups discovered that Frasure Creek had repeatedly copied the exact same pollution monitoring data from one DMR to the next and submitted the falsified reports to the Cabinet.

After an apparent pause in its false reporting, Frasure Creek resumed this illegal practice as identified in the Citizen Groups’ November 14, 2014 notice of intent to sue (hereinafter referred to as “the 2014 NOI”).

As before, the Cabinet failed to notice these violations and responded with investigation and enforcement only after the Citizen Groups provided notice. In response to the Cabinet’s investigation, Frasure Creek or its contractor submitted to the Cabinet 149 purportedly “corrected” DMRs to replace the duplicate DMRs set forth in the 2014 NOI. Frasure Creek also submitted 23 additional corrected DMRs to replace DMRs that were not contained in the Citizen Groups’ 2014 NOI.² This NOI refers to all 172 replaced DMRs for first quarter 2014 as “corrected DMRs.”

This notice alleges a new type of false reporting. Based on the Citizens Groups’ analysis of raw data submitted to the Cabinet by J&M Monitoring, Inc. in response to the 2014 NOI, Frasure Creek has been falsely reporting settleable solids (SS) values when alternate effluent limits were requested. In these instances, the DMR that Frasure Creek submitted to the state as a “corrected” DMR showed a compliant SS value of 0.5 mL/L. In contrast, the actual raw data from the laboratory reports showed effluent limit violations for SS that were not reported. This false reporting of compliant SS values occurred in 25% of the instances in which the Citizens Groups were able to compare the DMR reported value for SS against the laboratory’s raw data.

This notice also alleges pollution limit violations that were masked by Frasure Creek’s previous submission of false DMRs for first quarter 2014. The pollution limit violations noticed herein and found in Table 7 attached hereto were reported on Frasure Creek’s corrected DMRs. The originally filed false DMRs did not contain these pollution limit exceedances.

Finally, Citizens Groups notice additional effluent limit violations for the third and fourth quarters of 2014 and an additional instance of duplicate DMR reporting in the fourth quarter 2014.

¹ All of the Citizens Groups that provide notice here, except Sierra Club, first sent Frasure Creek a notice of intent to sue for its submission of duplicate DMRs on October 7, 2010.

² The values for these 23 corrected DMRs had previously been reported as “no flows.” The corrected DMRs for these 23 reported effluent values other than “no flow.”

I. FALSE REPORTING

Frasure Creek has engaged in false reporting in the corrected DMRs, the very documents it submitted to correct its prior instances of false reporting in the first quarter of 2014.

Most of the false reporting violations noticed herein are based either on Frasure Creek's corrected DMRs or as a result of comparing the raw laboratory data provided to the Cabinet by J&M Monitoring, Inc. with the DMRs submitted by Frasure Creek for the first quarter 2014.

The false reporting alleged herein has occurred since January 2014 and consists of the following:

- (1) instances in which Frasure Creek requested an alternate effluent limit³ and falsely reported its settleable solids (SS) value at 0.5 ml/l, the maximum value allowed under its permit, where the raw data provided to the Cabinet shows that the company was discharging in excess of 0.5 ml/l; and
- (2) instances in which Frasure Creek reported outfalls as not flowing, when in fact, not only were they flowing, they were polluting in excess of permitted levels.

With regard to the former type of false reporting, Frasure Creek falsely reported its settleable solids value 25% of the time on the corrected DMRs provided for first quarter 2014. In other words, for the first quarter 2014, when the company requested an alternate effluent limit because of a precipitation event, it falsely reported the effluent value one in four times. Furthermore, in every instance save one⁴ where the laboratory data provided by J&M Monitoring, Inc. does not match the reported value, the laboratory data indicate a permit violation, yet Frasure Creek reported the 0.5 mL/L compliant value on the corrected DMR.

The false reporting of the 0.5 mL/L compliant settleable solids value where alternate effluent limits are requested is particularly troubling because, ***since 2011, every time Frasure Creek has submitted a request for alternate precipitation limits, it has reported a value of 0.5 mL/L for SS. Frasure Creek has made more than 300 such requests.***

But for the Citizen Groups' 2014 NOI and the raw data provided as part of the Cabinet's investigations of the Citizens Groups allegations in that NOI, these new false reporting violations could not be known. Ordinarily, companies are not required to submit raw laboratory data with their DMRs. These most recently discovered reporting violations reveal yet another, more insidious layer of falsification by Frasure Creek and call in to question the reliability of every single DMR Frasure Creek has submitted without accompanying raw data for at least the last seven years.

³ Alternate effluent limits are available for precipitation-induced discharges pursuant to 401 KAR 5:065 §4(2) and 40 C.F.R. § 434.63. To qualify for an alternate effluent limit, the discharge must provide proof that the discharge or increase in the discharge was caused by the precipitation event. Typically, when alternate effluent limits apply, the permit limits for manganese, iron, and total suspended solids drop out and are replaced by the 0.5 ml/l settleable solid (SS) limit. In most instances, when alternate effluent limits are in place, the only effluent limits in place are pH and settleable solids.

⁴ In one instance, Frasure Creek submitted a "corrected" DMR with an alternate precipitation limit request and did not provide the corresponding bench sheet.

The false reporting violations noticed herein are as follows:

1. Seven known instances where SS, as reported on “corrected” first quarter 2014 DMRs, does not match the value recorded on the corresponding bench sheets. One instance where SS, as reported on the originally filed and uncorrected first quarter 2014 DMR, does not match the value on the corresponding bench sheet. (*See Attachment 1, Table 1.*)
2. Three known instances where a water quality parameter other than SS, as reported on the first quarter 2014 uncorrected DMRs, does not match the value recorded on the corresponding bench sheet. (*See Attachment 1, Table 2.*)
4. Seven known instances where a “corrected” DMR and bench sheet data indicate an outfall was flowing that was originally reported as having “no flow.” All known occurrences are for the first quarter of 2014. (*See Attachment 1, Table 3.*)
5. One known instance of duplicate submission of DMR data. Occurrence is in the fourth quarter of 2014. (*See Attachment 1, Table 4.*)

II. POLLUTION LIMIT EXCEEDANCES

In addition to the additional instances of false reporting noticed herein, the “corrected” DMRs reveal pollution limit exceedances that were masked by the false, duplicate DMR data Frasure Creek originally reported. Pollution limit exceedances were found on the raw laboratory data that were not reported on the DMRs Frasure Creek submitted to the Cabinet. And, the company’s third and fourth quarter 2014 DMRs contain numerous self-reported exceedances.

The pollution violations noticed here are as follows:

1. Six known instances where a noncompliant SS value was recorded on the raw laboratory data yet a compliant value was reported on the first quarter 2014 “corrected” DMR. (*See Attachment 1, Table 5.*)
2. One known instance where a noncompliant SS value was recorded on the raw laboratory data yet a compliant value was reported on the originally filed first quarter 2014 DMR. (*See Attachment 1, Table 5.*)
3. Sixty-two instances of self-reported effluent limit violations of parameters other than SS as recorded on the laboratory data. In each instance, the company reported compliant values on the first quarter 2014. (*See Attachment 1, Table 6.*)
4. 640 instances of a self-reported effluent limit exceedances in “corrected” first quarter 2014 DMRs. (*See Attachment 1, Table 7.*)
5. 5039 instances of a self-reported effluent limit exceedances in the third and fourth quarters 2014 DMRs. (*See Attachment 1, Table 8.*)

III. VIOLATIONS ALLEGED

A. Submission of False DMRs Constitutes a Failure to Submit and Maintain Accurate DMRs.

Frasure Creek’s filing of facially fraudulent, or otherwise false, DMRs equates to the failure to submit and maintain accurate DMRs with the Kentucky Department for Natural Resources (“KDNR”). CWA §§ 308(A)(i)-(ii), (v), 33 U.S.C. §§ 1318(A)(i)-(ii), (v). *Sierra Club v. Simkins Industries, Inc.*, 847 F.2d 1109, 1111-1112 (4th Cir. 1988); *Menzel v. County Utilities*

Corporation, 712 F.2d 91, 94 (4th Cir. 1983) (“a discharger that fails to file discharge-monitoring reports, or fails to file accurate reports, would be in violation of the provisions of its NPDES permit and would be subject to citizens' suits under 33 U.S.C. § 1365”). KPDES Permit No. KYG040000 states, “Discharge monitoring results obtained during the previous month shall be summarized for each outfall and reported using only KDOW approved Discharge Monitoring Report (DMR) forms and formats.” Part I, Page I-15, D. Also, the permit details that “Test procedures for the analysis of pollutants shall conform to all regulations published pursuant to KRS 224,” which includes 401 KAR 5:065 and incorporates 40 C.F.R. §§ 122.48 and 123.25. Part I, Page I-18, F.

The submission of effluent data that conflict with the raw laboratory data and the submission of “corrected” DMRs containing flow data where the originally submitted DMRs indicated “no flow” raises suspicion regarding the validity of data submitted in all of Frasure Creek’s DMRs on file with the Cabinet for the past seven years.⁵ Therefore, the Citizen Groups have a good faith belief that Frasure Creek has failed, and continues to fail, in its obligation to submit and maintain accurate DMRs in accordance with federal and state regulations and the terms and conditions of its KPDES permits.

Failure to submit a DMR constitutes ongoing violations for each day for every outfall and every effluent parameter listed in the applicable CWA permit, which accrue civil penalties per day and per limit until the violations cease. *See Sierra Club v. Simkins Industries, Inc.*, 847 F.2d 1109, 1112 (4th Cir. 1988) *citing Chesapeake Bay Found., Inc. v. Gwaltney of Smithfield, Ltd.*, 791 F.2d 304, 313 (4th Cir. 1986), *vacated*, 484 U.S. 49 (1987).

B. Submission of False DMRs Constitutes a Violation of a Permit Condition.

In addition to the above, a violation of a permit or permit condition issued under CWA § 402, 33 U.S.C. § 1342, is a violation of an “effluent standard or limitation” in accordance with CWA § 505(f), 33 U.S.C. § 1365(f). *Sierra Club v. Simkins Industries, Inc.*, 847 F.2d 1109, 1111-1112 (4th Cir. 1988); *Menzel v. County Utilities Corporation*, 712 F.2d 91, 94 (4th Cir. 1983). Frasure Creek’s KPDES permits require that samples and measurements taken must be representative of the volume and nature of the monitored discharge.

As it is the responsibility of every owner and operator to ensure compliance with CWA permits and permit conditions, and as failure to submit accurate DMRs is a violation of a condition of its KPDES permits, Frasure Creek is in a state of continuing violation of its permits. This constitutes ongoing violations for each day for every outfall and every effluent parameter listed in the applicable CWA permit, which accrues penalties per day and per limit until the violations cease.

C. Failure to Install, Use, and/or Maintain Monitoring Equipment Constitutes a Violation of a Permit Condition.

The repeated submission of DMRs that are fraudulent, or otherwise false, raises suspicion regarding the validity of monitoring data found in all of Frasure Creek’s DMRs on file with the KDNR for the past seven years. Therefore, the Citizen Groups have a good faith belief that Frasure Creek has failed, and continues to fail, in its obligation to “install, use, and maintain . . . monitoring equipment or methods” to sample effluents in accordance with CWA § 308(A)(iii), 33 U.S.C. § 1318(A)(iii). Additionally, this violates the conditions of its KPDES permits which

⁵ The Citizen Groups have reviewed DMRs submitted by Frasure Creek since 2008.

require the permittee to demonstrate compliance with the permit limits using sufficiently sensitive analytical methods.

As it is the responsibility of every owner and operator to install, use, and maintain its monitoring equipment in order to fulfill its obligations under the CWA, failure to do so equates to a violation. This constitutes ongoing violations for each day for every outfall and every effluent characteristic listed in the applicable CWA permit, which accrues penalties per day and per limit until the violations cease.

D. Failure to Accurately Sample and Test Effluent Constitutes a Violation of a Permit Condition.

The repeated submission of DMRs that are fraudulent, or otherwise false, raises suspicion regarding the validity of sampling methods used by Frasure Creek in creating its DMRs on file with the KDNR for the past seven years. Therefore, the Citizen Groups have a good faith belief that Frasure Creek has failed, and continues to fail, in its obligation to sample effluent accurately and in compliance with the CWA and its permit. CWA § 308(A)(iv), 33 U.S.C. § 1318(A)(iv). In addition, Citizen Groups have a good faith belief that Frasure Creek has failed to ensure that its samples and measurements are representative of the volume and nature of the measured discharge as Frasure Creek's KPDES permits require.

It is the responsibility of every owner and operator to ensure that sampling and testing is conducted accurately in order to fulfill its obligations under the CWA. Failure to do so constitutes ongoing violations for each day for every outfall and every effluent parameter listed in the applicable CWA permit, which accrues penalties per day and per limit until the violations are remedied.

E. Self-Reported Exceedances of Permit Limits Constitute a Violation of a Permit Condition.

Under its KPDES permits, Frasure Creek must comply with both daily maximum and monthly average effluent limitations for specific parameters each month during any given reporting period.

A violation of a daily maximum effluent limitation is treated as a single violation. "Violations of 'average' limitations encompassing periods greater than one day are to be treated as a violation for each day of the time period involved." *Chesapeake Bay Found., Inc. v. Gwaltney of Smithfield, Ltd.*, 791 F.2d 304, 317 (4th Cir. 1986). As such, a violation of a monthly average effluent limit is counted as one violation for each day of the month in which it occurred. However, when a permit holder violates both the monthly average and daily maximum effluent limitation for the discharge of a single pollutant at one outfall during the same month, the daily maximum effluent limitation violation is not counted as a separate violation. *Atlantic States Legal Foundation, Inc. v. Tyson Foods, Inc.*, 897 F.2d 1128, 1140 (11th Cir. 1990) (finding that because discharge of a single pollutant may be the cause of both daily and monthly violations, fining the violator twice may result in imposing two fines for the same illegal act).

DMRs on file with KDNR indicate Frasure Creek's failures to comply with effluent limitations for specific parameters set forth in its KPDES permits. In total, Frasure Creek's pollution discharges exceeded the numerical effluent limitations in its discharge permits thousands of times during the first, third, and fourth quarters of 2014. Each of these exceedances constitutes a violation of CWA § 301(a), 33 U.S.C. § 1311(a) and K.R.S. § 224.70-110.

IV. THERE HAS BEEN NO DILIGENT PROSECUTION OF THESE ONGOING VIOLATIONS.

Under CWA § 501(b)(1)(B), 33 U.S.C. § 1361(b)(1)(B), a government enforcement action for violations of the CWA may preclude a citizen enforcement action only if the action is diligently prosecuted. The Cabinet has failed to diligently prosecute the CWA violations subsequent to Frasure Creek's emergence from bankruptcy. To the best of the Citizens Groups' knowledge, the Cabinet has not instituted nor is it diligently prosecuting any enforcement action against Frasure Creek for the violations alleged herein.

V. THE VIOLATIONS ALLEGED ARE ONGOING.

Citizen plaintiffs alleging ongoing and continuous CWA violations may satisfy the burden of proof by proving a "reasonable likelihood that a past polluter will continue to pollute in the future." *Gwaltney of Smithfield, Ltd.*, 791 F.2d at 317. The Citizen Groups believe that Frasure Creek's history of non-compliance with permit terms, in addition to the violations cited herein, creates a reasonable likelihood that the company's violations will continue in the future.

The violations alleged herein continue a pattern of false reporting masking pollution violations that have occurred since at least 2010. The false reporting violations herein continue from the false reporting violations committed by Frasure Creek for at least the past five years. In response to our 2014 NOI, Frasure Creek submitted "corrected" DMRs to replace DMRs containing false data. Shockingly, at least seven of those "corrected" DMRs contain additional false reporting in that the values reported on the "corrected" DMR do not match the values on the corresponding laboratory raw data. In addition, the Citizens Groups' analysis of the raw laboratory data submitted by J&M Monitoring, Inc. reveals that at least one original DMR from the first quarter of 2014 also contains falsely submitted data. Still further, there are seven instances where "corrected" DMRs indicate an outfall was flowing when the original DMR submitted indicated the outfall was not flowing.

Based on Frasure Creek's pattern and practice of repeatedly falsifying data on DMRs and violating effluent limitations by discharging pollutants in excess of permitted limits, the Citizen Groups reserve the right to allege additional CWA violations based on the same pattern of violations set forth herein, upon determining that such violations have occurred. The Citizen Groups take these violations very seriously and intend to enforce any and all of Frasure Creek's violations of the CWA.

The Citizen Groups believe that this letter provides sufficient information to place Frasure Creek on notice of their intent to sue and the grounds for a complaint. At the close of the 60-day notice period, unless significant progress is made in remedying and preventing these violations, the Citizen Groups will bring enforcement actions under CWA §§ 505(b) and 301(a), 33 U.S.C. §§ 1365(b), 1311(a). As noted in CWA § 309(d), 33 U.S.C. § 1319(d) and 40 C.F.R. § 19.4, violators of the CWA are subject to civil monetary penalties in amounts of up to \$37,500 per violation, per day. Under K.R.S. § 224.99-010, violators are subject to penalties in the amount of \$25,000 per day.

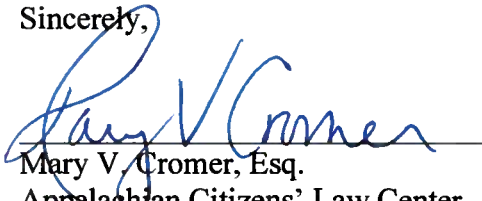
This letter is sent on behalf of: Appalachian Voices, Inc. (contact person: Mr. Tom Cormons, Executive Director, 171 Grand Boulevard, Boone, North Carolina 28607, Phone: (828) 262-1500); Waterkeeper Alliance, Inc. (contact person: Mr. Peter A. Harrison, 17 Battery Place, Suite 1329, New York, New York 10004, Phone: (212) 747-0622); Kentuckians For The Commonwealth, Inc. (contact person: Mr. Burt Lauderdale, Executive Director, P.O. Box 1450,

London, Kentucky 40743, Phone: (606) 878-2161); Kentucky Riverkeeper, Inc. (contact person: Ms. Pat Banks, 300 Summit Street, Richmond, Kentucky 40475, Phone: (859) 622-3065); and Sierra Club (contact person: Mr. Aaron Isherwood, 85 Second St., 2d Floor, San Francisco, CA 94105-3441, Phone: 415-977-5680).

Appalachian Voices, Inc., Waterkeeper Alliance, Inc., Kentucky Riverkeeper, Inc., Kentuckians For The Commonwealth, Inc., and Sierra Club are represented in this matter by Karl S. Coplan and Daniel E. Estrin, Esqs., Pace Environmental Litigation Clinic, Inc., 78 North Broadway, White Plains, New York 10603, Phone: (914) 422-4343; Lauren H. Waterworth, Esq., Waterworth Law Office, PLLC, P.O. Box 254, Boone, North Carolina, 28607, Phone: (828) 355-9750; and Mary Cromer, Esq., Appalachian Citizens' Law Center, Inc., 317 Main Street, Whitesburg, Kentucky 48158, Phone: (606) 633-3929.

If you wish to discuss the matters set forth in this Notice of Intent to Sue, please do not hesitate to contact the undersigned.

Sincerely,



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ATTACHMENT 1
(30 PAGES)

Alleged Clean Water Act Violations by Frasure Creek Mining, LLC and Trinity Coal Corporation

Table 1. Reporting Violations—SS Discrepancies: Known instances where SS, as reported on “corrected” and originally filed DMRs during the first quarter 2014, does not match the value recorded on the corresponding bench sheets.

DSMRE #	KPDES #	Outfall #	Precipitation Event Date	SS reported on “corrected” DMR	SS reported on Bench Sheet
836-0394	KYG046408	51	January 14, 2014	0.5 mL/L	1 mL/L
836-5582	KYG045752	1	February 5, 2014	0.5 mL/L	1 mL/L
836-5582	KYG045752	6	February 5, 2014	0.5 mL/L	1 mL/L
860-0467	KYG041006	167	March 17, 2014	0.8 mL/L	1 mL/L
860-0470	KYG041006	162	March 17, 2014	0.5 mL/L	2 mL/L ¹
860-0470	KYG041006	167	February 4, 2014	0.5 mL/L	No bench sheet ²
860-0470	KYG041006	167	February 21, 2014	0.5 mL/L	2 mL/L ³
860-9014 ⁴	KY0101761	290	February 11, 2014	0.5 mL/L	1 mL/L

¹ Cabinet issued a demand for stipulated penalties but has not issued an NOV for false reporting/failure to report.

² Despite the Cabinet’s request, Frasure Creek failed to produce the raw laboratory data to support its DMR report for this outfall.

³ Cabinet issued a demand for stipulated penalties but has not issued an NOV for false reporting/failure to report.

⁴ The SS discrepancy listed here is between the raw data provided to the Cabinet and the original DMR report. The other discrepancies in this table are between the raw data provided to the Cabinet and the “corrected” DMRs submitted to the Cabinet after the Citizens’ Groups sent the 2014 NOI.

Table 2. Reporting Violations—Other Discrepancies: Known instances where any water quality parameter besides SS, as reported on uncorrected DMRs for the first quarter 2014, does not match the value recorded on the corresponding bench sheet.

DSMRE #	KPDES #	Outfall #	Effluent Characteristic	DATE	Permit Limits	Reported Value on DMR	Bench Sheet Value
897-0503	KYG045676	212	Total Iron	1/2014	3 mg/L (Monthly Ave.)	0.2 mg/L (impossible value)	N/A ⁵
				1/2014	4 mg/L (Daily Max.)	0.2 mg/L	4.91 mg/L
813-0350	KYG045943	102	Total Manganese	3/2014	2 mg/L (Monthly Ave.)	2.15 mg/L (impossible value)	N/A ⁵
				3/2014	4 mg/L (Daily Max.)	2.37 mg/L	6.62 mg/L
860-0467	KYG040112	102	Total Manganese	3/2014	2 mg/L (Monthly Ave.)	2.15 mg/L (impossible value)	N/A ⁵
				3/2014	4 mg/L (Daily Max.)	2.37 mg/L	6.62 mg/L

⁵ The bench sheet does not report the monthly average values.

Table 3. Reporting Violations: Known instances where a first quarter 2014 “corrected” DMR and bench sheet data indicate an outfall was flowing that was originally reported as having “no flow.”

DSMRE #	KPDES #	Outfall #
836-0394	KYG046408	51
836-0394	KYG046408	33
836-0394	KYG046408	42
836-0394	KYG046408	50
836-5583	KYG040512	13
877-0177	KYG044922	4
836-5583	KYG040512	12

Table 4. Reporting Violations: Duplicate DMRs from 2nd Quarter 2014 to 4th Quarter 2014

DSMRE #	KPDES #	Outfall #	Monitoring Period	Nature of Violation	Description of Violation
897-0503	KYG045676	212	3 rd Quarter 2014 4 th Quarter 2014	Duplicate values reported on DMR	All data from 7/2014 repeated for 10/2014

Table 5: First Quarter 2014 SS Exceedance Violations: Known instances where the SS value on a bench sheet records a permit exceedance that was not reported on a DMR.

DSMRE #	KPDES #	Outfall #	Effluent Characteristic	Permit Limits	Date	DMR Reported Value	Bench Sheet Value
836-5582	KYG045752	6	Settleable Solids	0.5 mL/L (Daily Max.)	2/2014	0.5 mL/L	1 mL/L
836-5582	KYG045752	1	Settleable Solids	0.5 mL/L (Daily Max.)	2/2014	0.5 mL/L	1 mL/L
836-0394	KYG046408	51	Settleable Solids	0.5 mL/L (Daily Max.)	1/2014	0.5 mL/L	1 mL/L
860-0467	KYG041006	167	Settleable Solids	0.5 mL/L (Daily Max)	3/2014	0.8 mL/L	1 mL/L
860-0470	KYG041006	162	Settleable Solids	0.5 mL/L (Daily Max)	3/2014	0.5 mL/L	2 mL/L
860-0467	KYG041006	167	Settleable Solids	0.5 mL/L (Daily Max)	3/2014	0.5 mL/L	2 mL/L
860-9014	KY0101761	290	Settleable Solids	0.5 mL/L (Daily Max)	2/2014	0.5 mL/L	1 mL/L

Table 6. Exceedance Violations Based on Discrepancies Other Than SS: Known instances where an effluent limit value, excluding SS, on a bench sheet or uncorrected DMR records an exceedance.

DSMRE #	KPDES #	Outfall #	Effluent Characteristic	Permit Limits	Date	Discharge as Reported on Bench Sheet or DMR	# of Violations
897-0503	KYG045676	212	Total Iron	3 mg/L (Monthly Average)	1/2014	0.2 mg/L (reported on DMR) ⁶ N/A (reported on bench sheet) ⁷	31
				4 mg/L (Daily Max.)	1/2014	0.2 mg/L (reported on DMR) 4.91 mg/L (reported on bench sheet)	
813-0350	KYG045943	102	Total Manganese	2 mg/L (Monthly Average)	3/2014	2.15 mg/L (reported on DMR) N/A (reported on bench sheet) ⁶	31
				4 mg/L (Daily Max.)	3/2014	6.62 mg/L (reported on bench sheet) 2.37 mg/L (reported on DMR)	

⁶ 0.2 mg/L is an impossible monthly average value in this instance where the bench sheet reports a daily maximum value of 4.91 mg/L.

⁷ Monthly averages are not reported on bench sheets.

Table 7. Exceedance Violations: Instances of self-reported effluent limit exceedances in “corrected” DMRs for first quarter 2014.

DSMRE #	KPDES #	Outfall #	Effluent Characteristic	Permit Limits	Reported Discharge	# of Violations
836-0394	KYG046408	51	Acidity/Alkalinity	Avg. Acidity < Avg. Alkalinity	16 > 14 (Monthly Ave. for 1/2014)	31
				Daily Max. Acidity < Daily Max. Alkalinity	16 > 14 (Daily Max. for 1/2014)	
836-5583	KYG040512	13	Total Suspended Solids	35 mg/L (Monthly Ave.)	38 mg/L (Monthly Ave. for 1/2014)	31
836-5583	KYG040512	13	Total Iron	3 mg/L (Monthly Ave.)	6.6 mg/L (Monthly Ave. for 1/2014)	31
				4 mg/L (Daily Max.)	6.6 mg/L (Daily Max. for 1/2014)	
877-0177	KYG044922	4	Total Suspended Solids	35 mg/L (Monthly Ave.)	62 mg/L (Monthly Ave. for 3/2014)	31
877-0177	KYG044922	4	Total Iron	3 mg/L (Monthly Ave.)	9.13 mg/L (Monthly Ave. for 3/2014)	31
				4 mg/L (Daily Max.)	9.13 mg/L (Daily Max. for 3/2014)	
877-0200	KYG046314	P4	Total Iron	4 mg/L (Daily Max.)	5.03 mg/L (Daily Max. for 3/2014)	1

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877-0200	KYG046314	P4	Total Manganese	2 mg/L (Monthly Ave.)	4.73 mg/L (Monthly Ave. for 3/2014)	31
				4 mg/L (Daily Max.)	6.01 mg/L (Daily Max. for 3/2014)	
836-0395	KYG046409	11	Total Iron	3 mg/L (Monthly Ave.)	4.1 mg/L (Monthly Ave. for 3/2014)	31
				4 mg/L (Daily Max.)	4.1 mg/L (Daily Max. for 3/2014)	
836-5583	KYG040512	12	Total Suspended Solids	35 mg/L (Monthly Ave.)	202 mg/L (Monthly Ave. for 1/2014)	31
				70 mg/L (Daily Max.)	202 mg/L (Daily Max. for 1/2014)	
877-0177	KYG044922	13	Total Suspended Solids	35 mg/L (Monthly Ave.)	43 mg/L (Monthly Ave. for 1/2014)	31
				70 mg/L (Daily Max.)	76 mg/L (Daily Max. for 1/2014)	
877-0200	KYG046314	P3	Total Manganese	2 mg/L (Monthly Ave.)	2.69 mg/L (Monthly Ave. for 3/2014)	31
				4 mg/L (Daily Max.)	4.91 mg/L (Daily Max. for 3/2014)	

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898-0865	KYG045749	45	Total Suspended Solids	35 mg/L (Monthly Ave.)	574 mg/L (Monthly Ave. for 3/2014)	31
				70 mg/L (Daily Max.)	574 mg/L (Daily Max. for 3/2014)	
836-0326	KY0108111	1	Total Suspended Solids	35 mg/L (Monthly Ave.)	50 mg/L (Monthly Ave. for 3/2014)	31
836-0394	KYG046408	34	Total Suspended Solids	35 mg/L (Monthly Ave.)	36 mg/L (Monthly Ave. for 3/2014)	31
877-0200	KYG046314	P1	Total Manganese	2 mg/L (Monthly Ave.)	2.22 mg/L (Monthly Ave. for 3/2014)	31
877-0200	KYG046314	P2	Total Manganese	2 mg/L (Monthly Ave.)	2.17 mg/L (Monthly Ave. for 1/2014)	31
877-0200	KYG046314	P2	Total Manganese	2 mg/L (Monthly Ave.)	2.45 mg/L (Monthly Ave. for 3/2014)	31
877-0209	KYG046282	15B	Total Suspended Solids	35 mg/L (Monthly Ave.)	60 mg/L (Monthly Ave. for 1/2014)	31
877-0200	KYG046314	P3	Total Suspended Solids	35 mg/L (Monthly Ave.)	52 mg/L (Monthly Ave. for 2/2014)	28
				70 mg/L (Daily Max.)	74 mg/L (Daily Max. for 2/2014)	

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898-0865	KYG045749	55	Total Suspended Solids	35 mg/L (Monthly Ave.)	60 mg/L (Monthly Ave. for 2/2014)	28
				70 mg/L (Daily Max.)	110 mg/L (Daily Max. for 2/2014)	
836-0394	KYG046408	33	Total Suspended Solids	35 mg/L (Monthly Ave.)	59.5 mg/L (Monthly Ave. for 2/2014)	28
836-8072	KYG044819	2	Total Suspended Solids	35 mg/L (Monthly Ave.)	36 mg/L (Monthly Ave. for 2/2014)	28

Table 8. Exceedance Violations: Instances of a self-reported effluent limit exceedances in the third and fourth quarters of 2014.

DSMRE #	KPDES #	Outfall #	Effluent Characteristic	Permit Limits	Reported Discharge	# of Violations
860-0469	KYG040569	145	Total Manganese	2 mg/L (Monthly Ave.)	3.89 mg/L (Monthly Ave. for 10/2014)	31
				4 mg/L (Daily Max.)	4.78 mg/L (Daily Max. for 10/2014)	
860-0469	KYG040569	145	Acidity/Alkalinity	Avg. Acidity < Avg. Alkalinity	4.5 > 4 (Monthly Ave. for 10/2014)	31
				Daily Max. Acidity < Daily Max. Alkalinity	9 > 8 (Daily Max. for 10/2014)	
860-0469	KYG040569	145	pH	Max 9.0; Min. 6.0	5.02 (for 10/2014)	1
860-0469	KYG040569	145	Total Manganese	2 mg/L (Monthly Ave.)	2.58 mg/L (Monthly Ave. for 8/2014)	31
860-0469	KYG040569	145	Acidity/Alkalinity	Avg. Acidity < Avg. Alkalinity	7 > 5 (Monthly Ave. for 8/2014)	31
				Daily Max. Acidity < Daily Max. Alkalinity	7 > 5 (Daily Max. for 8/2014)	
860-0469	KYG040569	145	pH	Max 9.0; Min. 6.0	5.4 (for 8/2014)	1
860-0469	KYG040569	147	Total Iron	3 mg/L (Monthly Ave.)	3.6 mg/L (Monthly Ave. for 8/2014)	31
860-0469	KYG040569	147	Total Manganese	2 mg/L (Monthly Ave.)	15.5 mg/L (Monthly Ave. for 8/2014)	31
				4 mg/L (Daily Max.)	15.5 mg/L (Daily Max. for 8/2014)	
860-0469	KYG040569	147	Acidity/Alkalinity	Avg. Acidity < Avg. Alkalinity	7 > 5 (Monthly Ave. for 8/2014)	31
				Daily Max. Acidity < Daily Max. Alkalinity	7 > 5 (Daily Max. for 8/2014)	

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860-0469	KYG040569	151	Total Manganese	2 mg/L (Monthly Ave.)	33.9 mg/L (Monthly Ave. for 10/2014)	31
				4 mg/L (Daily Max.)	37.2 mg/L (Daily Max. for 10/2014)	
860-0469	KYG040569	151	Acidity/Alkalinity	Avg. Acidity < Avg. Alkalinity	29.5 > 10 (Monthly Ave. for 10/2014)	31
				Daily Max. Acidity < Daily Max. Alkalinity	59 > 20 (Daily Max. for 10/2014)	
860-0469	KYG040569	151	pH	Max 9.0; Min. 6.0	5.61 (for 10/2014)	1
860-0469	KYG040569	151	Total Manganese	2 mg/L (Monthly Ave.)	31.55 mg/L (Monthly Ave. for 9/2014)	30
				4 mg/L (Daily Max.)	34.1 mg/L (Daily Max. for 9/2014)	
860-0469	KYG040569	151	Acidity/Alkalinity	Avg. Acidity < Avg. Alkalinity	38 > 5 (Monthly Ave. for 9/2014)	30
				Daily Max. Acidity < Daily Max. Alkalinity	44 > 5 (Daily Max. for 9/2014)	
860-0469	KYG040569	155	Total Manganese	2 mg/L (Monthly Ave.)	20.31 mg/L (Monthly Ave. for 9/2014)	30
				4 mg/L (Daily Max.)	25.5 mg/L (Daily Max. for 9/2014)	
860-0469	KYG040569	155	Acidity/Alkalinity	Avg. Acidity < Avg. Alkalinity	32 > 5 (Monthly Ave. for 9/2014)	30
				Daily Max. Acidity < Daily Max. Alkalinity	43 > 5 (Daily Max. for 9/2014)	
860-0469	KYG040569	155	pH	Max 9.0; Min. 6.0	4.31 (Daily Min. for 9/2014)	1
860-0469	KYG040569	151	Total Iron	3 mg/L (Monthly Ave.)	7.075 mg/L (Monthly Ave. for 7/2014)	31
				4 mg/L (Daily Max.)	8.91 mg/L (Daily Max. for 7/2014)	

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860-0469	KYG040569	151	Total Manganese	2 mg/L (Monthly Ave.)	18.2 mg/L (Monthly Ave. for 7/2014)	31
				4 mg/L (Daily Max.)	23.29 mg/L (Daily Max. for 7/2014)	
860-0469	KYG040569	151	Acidity/Alkalinity	Avg. Acidity < Avg. Alkalinity	42 > 5 (Monthly Ave. for 7/2014)	31
				Daily Max. Acidity < Daily Max. Alkalinity	42 > 5 (Daily Max. for 7/2014)	
860-0469	KYG040569	154	Total Manganese	2 mg/L (Monthly Ave.)	36.2 mg/L (Monthly Ave. for 9/2014)	30
				4 mg/L (Daily Max.)	36.2 mg/L (Daily Max. for 9/2014)	
860-0469	KYG040569	154	Acidity/Alkalinity	Avg. Acidity < Avg. Alkalinity	42 > 5 (Monthly Ave. for 9/2014)	30
				Daily Max. Acidity < Daily Max. Alkalinity	42 > 5 (Daily Max. for 9/2014)	
860-0469	KYG040569	154	pH	Max 9.0; Min. 6.0	4.58 (Daily Min. for 9/2014)	1
860-0469	KYG040569	154	Total Manganese	2 mg/L (Monthly Ave.)	27.9 mg/L (Monthly Ave. for 8/2014)	31
				4 mg/L (Daily Max.)	27.9 mg/L (Daily Max. for 8/2014)	
860-0469	KYG040569	154	Acidity/Alkalinity	Avg. Acidity < Avg. Alkalinity	41 > 5 (Monthly Ave. for 8/2014)	31
				Daily Max. Acidity < Daily Max. Alkalinity	41 > 5 (Daily Max. for 8/2014)	
860-0469	KYG040569	154	pH	Max 9.0; Min. 6.0	4.67 (Daily Min. for 8/2014)	1
860-0469	KYG040569	153	Total Manganese	2 mg/L (Monthly Ave.)	13.9 mg/L (Monthly Ave. for 11/2014)	30
				4 mg/L (Daily Max.)	16.5 mg/L (Daily Max. for 11/2014)	

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860-0469	KYG040569	153	Acidity/Alkalinity	Avg. Acidity < Avg. Alkalinity	18 > 5 (Monthly Ave. for 11/2014)	30
				Daily Max. Acidity < Daily Max. Alkalinity	36 > 5 (Daily Max. for 11/2014)	
860-0469	KYG040569	153	pH	Max 9.0; Min. 6.0	4.23 (Daily Min. for 11/2014)	1
860-0469	KYG040569	154	Total Manganese	2 mg/L (Monthly Ave.)	21.55 mg/L (Monthly Ave. for 12/2014)	31
				4 mg/L (Daily Max.)	24 mg/L (Daily Max. for 12/2014)	
860-0469	KYG040569	154	Acidity/Alkalinity	Avg. Acidity < Avg. Alkalinity	31.5 > 5 (Monthly Ave. for 12/2014)	31
				Daily Max. Acidity < Daily Max. Alkalinity	34 > 5 (Daily Max. for 12/2014)	
860-0469	KYG040569	154	pH	Max 9.0; Min. 6.0	4.75 (Daily Min. for 12/2014)	1
860-0469	KYG040569	154	Total Manganese	2 mg/L (Monthly Ave.)	20.75 mg/L (Monthly Ave. for 11/2014)	30
				4 mg/L (Daily Max.)	21 mg/L (Daily Max. for 11/2014)	
860-0469	KYG040569	154	Acidity/Alkalinity	Avg. Acidity < Avg. Alkalinity	25 > 5 (Monthly Ave. for 11/2014)	30
				Daily Max. Acidity < Daily Max. Alkalinity	31 > 5 (Daily Max. for 11/2014)	
860-0469	KYG040569	154	pH	Max 9.0; Min. 6.0	4.68 (Daily Min. for 11/2014)	1
860-0469	KYG040569	147	Total Iron	3 mg/L (Monthly Ave.)	5.49 mg/L (Monthly Ave. for 7/2014)	31
				4 mg/L (Daily Max.)	9.22 mg/L (Daily Max. for 7/2014)	

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860-0469	KYG040569	147	Total Manganese	2 mg/L (Monthly Ave.)	10.415 mg/L (Monthly Ave. for 7/2014)	31
				4 mg/L (Daily Max.)	15.62 mg/L (Daily Max. for 7/2014)	
860-0469	KYG040569	147	Acidity/Alkalinity	Avg. Acidity < Avg. Alkalinity	27 > 5 (Monthly Ave. for 7/2014)	31
				Daily Max. Acidity < Daily Max. Alkalinity	28 > 5 (Daily Max. for 7/2014)	
860-0469	KYG040569	154	Total Manganese	2 mg/L (Monthly Ave.)	30.4 mg/L (Monthly Ave. for 10/2014)	31
				4 mg/L (Daily Max.)	34.5 mg/L (Daily Max. for 10/2014)	
860-0469	KYG040569	154	Acidity/Alkalinity	Avg. Acidity < Avg. Alkalinity	21 > 5 (Monthly Ave. for 10/2014)	31
				Daily Max. Acidity < Daily Max. Alkalinity	24 > 5 (Daily Max. for 10/2014)	
860-0469	KYG040569	154	pH	Max 9.0; Min. 6.0	4.59 (Daily Min. for 10/2014)	1
860-0469	KYG040569	155	Total Manganese	2 mg/L (Monthly Ave.)	7.135 mg/L (Monthly Ave. for 12/2014)	31
				4 mg/L (Daily Max.)	7.28 mg/L (Daily Max. for 12/2014)	
860-0469	KYG040569	155	Acidity/Alkalinity	Avg. Acidity < Avg. Alkalinity	16.5 > 5 (Monthly Ave. for 12/2014)	31
				Daily Max. Acidity < Daily Max. Alkalinity	17 > 5 (Daily Max. for 12/2014)	
860-0469	KYG040569	155	pH	Max 9.0; Min. 6.0	4.57 (Daily Min. for 12/2014)	1
860-0469	KYG040569	155	Total Manganese	2 mg/L (Monthly Ave.)	9.21 mg/L (Monthly Ave. for 8/2014)	31
				4 mg/L (Daily Max.)	9.21 mg/L (Daily Max. for 8/2014)	

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860-0469	KYG040569	155	Acidity/Alkalinity	Avg. Acidity < Avg. Alkalinity	16 > 5 (Monthly Ave. for 8/2014)	31
				Daily Max. Acidity < Daily Max. Alkalinity	16 > 5 (Daily Max. for 8/2014)	
860-0469	KYG040569	155	pH	Max 9.0; Min. 6.0	4.73 (Daily Min. for 8/2014)	1
860-0469	KYG040569	155	Total Manganese	2 mg/L (Monthly Ave.)	7.135 mg/L (Monthly Ave. for 11/2014)	30
				4 mg/L (Daily Max.)	7.22 mg/L (Daily Max. for 11/2014)	
860-0469	KYG040569	155	Acidity/Alkalinity	Avg. Acidity < Avg. Alkalinity	15.5 > 5 (Monthly Ave. for 11/2014)	30
				Daily Max. Acidity < Daily Max. Alkalinity	16 > 5 (Daily Max. for 11/2014)	
860-0469	KYG040569	155	pH	Max 9.0; Min. 6.0	4.6 (Daily Min. for 11/2014)	1
860-0469	KYG040569	155	pH	Max 9.0; Min. 6.0	4.53 (Daily Min. for 11/2014)	1
860-0469	KYG040569	155	Total Suspended Solids	35 mg/L (Monthly Ave.)	74 mg/L (Monthly Ave. for 10/2014)	31
				70 mg/L (Daily Max.)	145 mg/L (Daily Max. for 10/2014)	
860-0469	KYG040569	155	Total Manganese	2 mg/L (Monthly Ave.)	14.65 mg/L (Monthly Ave. for 10/2014)	31
				4 mg/L (Daily Max.)	25.4 mg/L (Daily Max. for 10/2014)	
860-0469	KYG040569	155	Acidity/Alkalinity	Avg. Acidity < Avg. Alkalinity	7.5 > 3.5 (Monthly Ave. for 10/2014)	31
				Daily Max. Acidity < Daily Max. Alkalinity	15 > 7 (Daily Max. for 10/2014)	
860-0469	KYG040569	155	pH	Max 9.0; Min. 6.0	4.5 (Daily Min. for 10/2014)	1

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860-0469	KYG040569	147	Total Iron	3 mg/L (Monthly Ave.)	3.755 mg/L (Monthly Ave. for 10/2014)	31
				4 mg/L (Daily Max.)	4.12 mg/L (Daily Max. for 10/2014)	
860-0469	KYG040569	147	Total Manganese	2 mg/L (Monthly Ave.)	10.033 mg/L (Monthly Ave. for 10/2014)	31
				4 mg/L (Daily Max.)	19.9 mg/L (Daily Max. for 10/2014)	
860-0469	KYG040569	147	Acidity/Alkalinity	Avg. Acidity < Avg. Alkalinity	7 > 6.5 (Monthly Ave. for 10/2014)	31
				Daily Max. Acidity < Daily Max. Alkalinity	14 > 7 (Daily Max. for 10/2014)	
860-0469	KYG040569	147	pH	Max 9.0; Min. 6.0	4.5 (Daily Min. for 10/2014)	1
860-0469	KYG040569	153	Total Manganese	2 mg/L (Monthly Ave.)	38.05 mg/L (Monthly Ave. for 10/2014)	31
				4 mg/L (Daily Max.)	49.1 mg/L (Daily Max. for 10/2014)	
860-0469	KYG040569	153	Acidity/Alkalinity	Avg. Acidity < Avg. Alkalinity	61.5 > 46 (Monthly Ave. for 10/2014)	31
				Daily Max. Acidity < Daily Max. Alkalinity	123 > 92 (Daily Max. for 10/2014)	
860-0469	KYG040569	153	pH	Max 9.0; Min. 6.0	3.91 (Daily Min. for 10/2014)	1
860-0469	KYG040569	145	Total Manganese	2 mg/L (Monthly Ave.)	2.185 mg/L (Monthly Ave. for 12/2014)	31
860-0469	KYG040569	145	Acidity/Alkalinity	Avg. Acidity < Avg. Alkalinity	11 > 5 (Monthly Ave. for 12/2014)	31
				Daily Max. Acidity < Daily Max. Alkalinity	11 > 5 (Daily Max. for 12/2014)	
860-0469	KYG040569	145	pH	Max 9.0; Min. 6.0	4.95 (Daily Min. for 12/2014)	1

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860-0469	KYG040569	153	Total Iron	4 mg/L (Daily Max.)	5.2 mg/L (Daily Max. for 12/2014)	1
860-0469	KYG040569	153	Total Manganese	2 mg/L (Monthly Ave.)	10.435 mg/L (Monthly Ave. for 12/2014)	31
				4 mg/L (Daily Max.)	17.7 mg/L (Daily Max. for 12/2014)	
860-0469	KYG040569	153	Acidity/Alkalinity	Avg. Acidity < Avg. Alkalinity	106.5 > 5 (Monthly Ave. for 12/2014)	31
				Daily Max. Acidity < Daily Max. Alkalinity	109 > 5 (Daily Max. for 12/2014)	
860-0469	KYG040569	153	pH	Max 9.0; Min. 6.0	3.14 (Daily Min. for 12/2014)	1
860-0469	KYG040569	145	Acidity/Alkalinity	Avg. Acidity < Avg. Alkalinity	9 > 5 (Monthly Ave. for 11/2014)	30
				Daily Max. Acidity < Daily Max. Alkalinity	10 > 5 (Daily Max. for 11/2014)	
860-0469	KYG040569	145	pH	Max 9.0; Min. 6.0	4.63 (Daily Min. for 11/2014)	1
813-0321	KYG040075	Dam 119	Total Suspended Solids	35 mg/L (Monthly Ave.)	36 mg/L (Monthly Ave. for 9/2014)	30
813-0321	KYG040075	Dam 123R	Total Manganese	2 mg/L (Monthly Ave.)	2.095 mg/L (Monthly Ave. for 7/2014)	31
813-0321	KYG040075	Dam 123R	Total Manganese	2 mg/L (Monthly Ave.)	2.26 mg/L (Monthly Ave. for 9/2014)	30
813-0350	KYG045943	113	Total Suspended Solids	35 mg/L (Monthly Ave.)	93 mg/L (Monthly Ave. for 8/2014)	31
				70 mg/L (Daily Max.)	93 mg/L (Daily Max. for 8/2014)	
813-0350	KYG045943	113	Total Iron	3 mg/L (Monthly Ave.)	3.54 mg/L (Monthly Ave. for 8/2014)	31
813-0350	KYG045943	113	pH	Max 9.0; Min. 6.0	4.96 (Daily Min. for 8/2014)	1

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813-0350	KYG045943	123	Total Manganese	2 mg/L (Monthly Ave.)	3.86 mg/L (Monthly Ave. for 8/2014)	31
813-0350	KYG045943	123	pH	Max 9.0; Min. 6.0	5.51(Daily Min. for 8/2014)	1
813-0350	KYG045943	123	Total Manganese	2 mg/L (Monthly Ave.)	4.88 mg/L (Monthly Ave. for 9/2014)	30
				4 mg/L (Daily Max.)	5.74 mg/L (Daily Max. for 9/2014)	
813-0350	KYG045943	123	pH	Max 9.0; Min. 6.0	5.2(Daily Min. for 9/2014)	1
813-0350	KYG045943	281	pH	Max 9.0; Min. 6.0	5.69(Daily Min. for 8/2014)	1
813-0350	KYG045943	284	Total Suspended Solids	35 mg/L (Monthly Ave.)	58 mg/L (Monthly Ave. for 7/2014)	31
				70 mg/L (Daily Max.)	88 mg/L (Daily Max. for 7/2014)	
813-0350	KYG045943	284	Total Manganese	2 mg/L (Monthly Ave.)	4.64 mg/L (Monthly Ave. for 8/2014)	31
				4 mg/L (Daily Max.)	4.64 mg/L (Daily Max. for 8/2014)	
813-0350	KYG045943	284	Total Manganese	2 mg/L (Monthly Ave.)	3.06 mg/L (Monthly Ave. for 9/2014)	30
813-0350	KYG045943	285	Total Manganese	2 mg/L (Monthly Ave.)	3.39 mg/L (Monthly Ave. for 8/2014)	31
813-0350	KYG045943	285	Total Suspended Solids	35 mg/L (Monthly Ave.)	38.5 mg/L (Monthly Ave. for 9/2014)	30
				70 mg/L (Daily Max.)	73 mg/L (Daily Max. for 9/2014)	
813-0350	KYG045943	285	Total Manganese	2 mg/L (Monthly Ave.)	3.905 mg/L (Monthly Ave. for 9/2014)	30
				4 mg/L (Daily Max.)	4.12 mg/L (Daily Max. for 9/2014)	

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813-0350	KYG045943	286	Total Manganese	2 mg/L (Monthly Ave.)	3.46 mg/L (Monthly Ave. for 8/2014)	31
813-0350	KYG045943	286	Total Manganese	2 mg/L (Monthly Ave.)	3.33 mg/L (Monthly Ave. for 9/2014)	30
836-0326	KY0108111	6	Total Suspended Solids	35 mg/L (Monthly Ave.)	49 mg/L (Monthly Ave. for 9/2014)	30
836-0391	KYG045764	1	Total Suspended Solids	35 mg/L (Monthly Ave.)	40 mg/L (Monthly Ave. for 7/2014)	31
860-0467	KYG041006	167	Total Manganese	2 mg/L (Monthly Ave.)	2.76 mg/L (Monthly Ave. for 8/2014)	31
860-0467	KYG041006	167	Total Manganese	2 mg/L (Monthly Ave.)	2.79 mg/L (Monthly Ave. for 9/2014)	30
860-0468	KYG046750	104	Total Manganese	2 mg/L (Monthly Ave.)	2.095 mg/L (Monthly Ave. for 7/2014)	31
860-0468	KYG046750	104	Total Manganese	2 mg/L (Monthly Ave.)	2.26 mg/L (Monthly Ave. for 9/2014)	30
860-0468	KYG046750	133	Total Manganese	2 mg/L (Monthly Ave.)	2.19 mg/L (Monthly Ave. for 9/2014)	30
860-0469	KYG040569	140	Total Suspended Solids	35 mg/L (Monthly Ave.)	74 mg/L (Monthly Ave. for 7/2014)	31
				70 mg/L (Daily Max.)	136 mg/L (Daily Max. for 7/2014)	
860-0469	KYG040569	140	Total Iron	3 mg/L (Monthly Ave.)	3.65 mg/L (Monthly Ave. for 7/2014)	31
				4 mg/L (Daily Max.)	5.48 mg/L (Daily Max. for 7/2014)	
860-0469	KYG040569	140	Total Manganese	2 mg/L (Monthly Ave.)	8.405 mg/L (Monthly Ave. for 7/2014)	31
				4 mg/L (Daily Max.)	14.41 mg/L (Daily Max. for 7/2014)	
860-0469	KYG040569	140	Total Suspended Solids	35 mg/L (Monthly Ave.)	36 mg/L (Monthly Ave. for 8/2014)	31

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860-0469	KYG040569	140	Total Manganese	2 mg/L (Monthly Ave.)	5.66 mg/L (Monthly Ave. for 8/2014)	31
				4 mg/L (Daily Max.)	5.66 mg/L (Daily Max. for 8/2014)	
860-0469	KYG040569	140	Total Manganese	2 mg/L (Monthly Ave.)	8.045 mg/L (Monthly Ave. for 9/2014)	30
				4 mg/L (Daily Max.)	9.05 mg/L (Daily Max. for 9/2014)	
860-0469	KYG040569	142	Total Suspended Solids	35 mg/L (Monthly Ave.)	40 mg/L (Monthly Ave. for 7/2014)	31
860-0469	KYG040569	142	Total Manganese	2 mg/L (Monthly Ave.)	2.22 mg/L (Monthly Ave. for 7/2014)	31
860-0469	KYG040569	142	Total Manganese	2 mg/L (Monthly Ave.)	13.2 mg/L (Monthly Ave. for 9/2014)	30
				4 mg/L (Daily Max.)	15.9 mg/L (Daily Max. for 9/2014)	
860-0469	KYG040569	143	Total Manganese	2 mg/L (Monthly Ave.)	2.905 mg/L (Monthly Ave. for 7/2014)	31
				4 mg/L (Daily Max.)	4.76 mg/L (Daily Max. for 7/2014)	
860-0469	KYG040569	143	Total Manganese	2 mg/L (Monthly Ave.)	2.98 mg/L (Monthly Ave. for 8/2014)	31
860-0469	KYG040569	143	Total Manganese	2 mg/L (Monthly Ave.)	8.145 mg/L (Monthly Ave. for 9/2014)	30
				4 mg/L (Daily Max.)	9.75 mg/L (Daily Max. for 9/2014)	
860-0469	KYG040569	145	Total Manganese	2 mg/L (Monthly Ave.)	4.245 mg/L (Monthly Ave. for 9/2014)	30
				4 mg/L (Daily Max.)	4.9 mg/L (Daily Max. for 9/2014)	

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860-0469	KYG040569	146	Total Iron	3 mg/L (Monthly Ave.)	3.96 mg/L (Monthly Ave. for 7/2014)	31
				4 mg/L (Daily Max.)	4.03 mg/L (Daily Max. for 7/2014)	
860-0469	KYG040569	146	Total Manganese	2 mg/L (Monthly Ave.)	10.44 mg/L (Monthly Ave. for 7/2014)	31
				4 mg/L (Daily Max.)	11.08 mg/L (Daily Max. for 7/2014)	
860-0469	KYG040569	146	Total Manganese	2 mg/L (Monthly Ave.)	4.65 mg/L (Monthly Ave. for 8/2014)	31
				4 mg/L (Daily Max.)	4.65 mg/L (Daily Max. for 8/2014)	
860-0469	KYG040569	146	Total Manganese	2 mg/L (Monthly Ave.)	5.825 mg/L (Monthly Ave. for 9/2014)	30
				4 mg/L (Daily Max.)	6.51 mg/L (Daily Max. for 9/2014)	
860-0469	KYG040569	147	Total Iron	3 mg/L (Monthly Ave.)	3.445 mg/L (Monthly Ave. for 9/2014)	30
860-0469	KYG040569	147	Total Manganese	2 mg/L (Monthly Ave.)	18.3 mg/L (Monthly Ave. for 9/2014)	30
				4 mg/L (Daily Max.)	19 mg/L (Daily Max. for 9/2014)	
860-0469	KYG040569	148	Total Iron	3 mg/L (Monthly Ave.)	9.745 mg/L (Monthly Ave. for 7/2014)	31
				4 mg/L (Daily Max.)	12.35 mg/L (Daily Max. for 7/2014)	
860-0469	KYG040569	148	Total Manganese	2 mg/L (Monthly Ave.)	27.09 mg/L (Monthly Ave. for 7/2014)	31
				4 mg/L (Daily Max.)	34.64 mg/L (Daily Max. for 7/2014)	

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860-0469	KYG040569	148	Total Manganese	2 mg/L (Monthly Ave.)	29.2 mg/L (Monthly Ave. for 8/2014)	31
				4 mg/L (Daily Max.)	29.2 mg/L (Daily Max. for 8/2014)	
860-0469	KYG040569	148	Total Manganese	2 mg/L (Monthly Ave.)	31.6 mg/L (Monthly Ave. for 9/2014)	30
				4 mg/L (Daily Max.)	35.7 mg/L (Daily Max. for 9/2014)	
860-0469	KYG040569	150	Total Suspended Solids	35 mg/L (Monthly Ave.)	46 mg/L (Monthly Ave. for 7/2014)	31
				70 mg/L (Daily Max.)	82 mg/L (Daily Max. for 7/2014)	
860-0469	KYG040569	150	Total Manganese	2 mg/L (Monthly Ave.)	3.115 mg/L (Monthly Ave. for 7/2014)	31
860-0469	KYG040569	151	Total Manganese	2 mg/L (Monthly Ave.)	26.1 mg/L (Monthly Ave. for 8/2014)	31
				4 mg/L (Daily Max.)	26.1 mg/L (Daily Max. for 8/2014)	
860-0469	KYG040569	153	Total Manganese	2 mg/L (Monthly Ave.)	4.285 mg/L (Monthly Ave. for 7/2014)	31
				4 mg/L (Daily Max.)	5.85 mg/L (Daily Max. for 7/2014)	
860-0469	KYG040569	153	Total Manganese	2 mg/L (Monthly Ave.)	9.3 mg/L (Monthly Ave. for 8/2014)	31
				4 mg/L (Daily Max.)	9.3 mg/L (Daily Max. for 8/2014)	
860-0469	KYG040569	153	Total Manganese	2 mg/L (Monthly Ave.)	22.2155 mg/L (Monthly Ave. for 9/2014)	30
				4 mg/L (Daily Max.)	44 mg/L (Daily Max. for 9/2014)	
860-9014	KY0101761	133	Total Manganese	2 mg/L (Monthly Ave.)	2.19 mg/L (Monthly Ave. for 9/2014)	30

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897-0497	KYG044510	195	Total Suspended Solids	35 mg/L (Monthly Ave.)	38 mg/L (Monthly Ave. for 7/2014)	31
897-0499	KYG044971	103	Total Suspended Solids	35 mg/L (Monthly Ave.)	36 mg/L (Monthly Ave. for 9/2014)	30
897-0499	KYG044971	104	Total Manganese	2 mg/L (Monthly Ave.)	2.095 mg/L (Monthly Ave. for 7/2014)	31
897-0499	KYG044971	104	Total Manganese	2 mg/L (Monthly Ave.)	2.26 mg/L (Monthly Ave. for 9/2014)	30
897-0527	KYG044054	195	Total Suspended Solids	35 mg/L (Monthly Ave.)	38 mg/L (Monthly Ave. for 7/2014)	31
897-8048	KY0046981	272	Total Manganese	2 mg/L (Monthly Ave.)	3.28 mg/L (Monthly Ave. for 8/2014)	31
813-0321	KYG040075	Dam 119	Total Suspended Solids	35 mg/L (Monthly Ave.)	46 mg/L (Monthly Ave. for 11/2014)	30
				70 mg/L (Daily Max.)	82 mg/L (Daily Max. for 11/2014)	
813-0321	KYG040075	Dam 123R	Total Manganese	2 mg/L (Monthly Ave.)	2.195 mg/L (Monthly Ave. for 10/2014)	31
813-0321	KYG040075	Dam 123R	Total Manganese	2 mg/L (Monthly Ave.)	2.915 mg/L (Monthly Ave. for 12/2014)	31
813-0350	KYG045943	123	Total Manganese	2 mg/L (Monthly Ave.)	3.1 mg/L (Monthly Ave. for 10/2014)	31
813-0350	KYG045943	123	pH	Max 9.0; Min. 6.0	5.18 (Daily Min. for 10/2014)	1
813-0350	KYG045943	123	Total Manganese	2 mg/L (Monthly Ave.)	2.134 mg/L (Monthly Ave. for 11/2014)	30
813-0350	KYG045943	123	pH	Max 9.0; Min. 6.0	5.84 (Daily Min. for 11/2014)	1
813-0350	KYG045943	123	Total Manganese	2 mg/L (Monthly Ave.)	3.67 mg/L (Monthly Ave. for 12/2014)	31
				4 mg/L (Daily Max.)	4.1 mg/L (Daily Max. for 12/2014)	

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813-0350	KYG045943	281	pH	Max 9.0; Min. 6.0	5.78 (Daily Min. for 10/2014)	1
813-0350	KYG045943	284	Total Suspended Solids	35 mg/L (Monthly Ave.)	51.5 mg/L (Monthly Ave. for 11/2014)	30
				70 mg/L (Daily Max.)	99 mg/L (Daily Max. for 11/2014)	
813-0350	KYG045943	284	Total Manganese	2 mg/L (Monthly Ave.)	2.52 mg/L (Monthly Ave. for 11/2014)	30
813-0350	KYG045943	285	Total Manganese	2 mg/L (Monthly Ave.)	3.77 mg/L (Monthly Ave. for 10/2014)	31
				4 mg/L (Daily Max.)	4.08 mg/L (Daily Max. for 10/2014)	
813-0350	KYG045943	285	Total Manganese	2 mg/L (Monthly Ave.)	2.0405 mg/L (Monthly Ave. for 11/2014)	30
813-0350	KYG045943	285	Total Manganese	2 mg/L (Monthly Ave.)	3.43 mg/L (Monthly Ave. for 12/2014)	31
813-0350	KYG045943	286	Total Manganese	2 mg/L (Monthly Ave.)	2.12 mg/L (Monthly Ave. for 10/2014)	31
813-0350	KYG045943	286	Total Manganese	2 mg/L (Monthly Ave.)	2.495 mg/L (Monthly Ave. for 12/2014)	31
836-0326	KY0108111	6	Total Suspended Solids	35 mg/L (Monthly Ave.)	49 mg/L (Monthly Ave. for 9/2014)	30
836-0326	KY0108111	6	Total Suspended Solids	35 mg/L (Monthly Ave.)	76.5 mg/L (Monthly Ave. for 10/2014)	31
				70 mg/L (Daily Max.)	141 mg/L (Daily Max. for 10/2014)	
836-0326	KY0108111	6	Total Iron	3 mg/L (Monthly Ave.)	3.105 mg/L (Monthly Ave. for 10/2014)	31
				4 mg/L (Daily Max.)	5.94 mg/L (Daily Max. for 10/2014)	

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836-0391	KYG045764	2	Total Suspended Solids	35 mg/L (Monthly Ave.)	84.5 mg/L (Monthly Ave. for 12/2014)	31
				70 mg/L (Daily Max.)	166 mg/L (Daily Max. for 12/2014)	
860-0467	KYG041006	167	Total Manganese	2 mg/L (Monthly Ave.)	2.74 mg/L (Monthly Ave. for 10/2014)	31
860-0467	KYG041006	167	Total Manganese	2 mg/L (Monthly Ave.)	2.905 mg/L (Monthly Ave. for 12/2014)	31
860-0468	KYG046750	104	Total Manganese	2 mg/L (Monthly Ave.)	2.195 mg/L (Monthly Ave. for 10/2014)	31
860-0468	KYG046750	104	Total Manganese	2 mg/L (Monthly Ave.)	2.915 mg/L (Monthly Ave. for 12/2014)	31
860-0468	KYG046750	133	Total Manganese	2 mg/L (Monthly Ave.)	2.23 mg/L (Monthly Ave. for 10/2014)	31
860-0468	KYG046750	133	Total Manganese	2 mg/L (Monthly Ave.)	2.41 mg/L (Monthly Ave. for 11/2014)	30
860-0468	KYG046750	133	Total Manganese	2 mg/L (Monthly Ave.)	2.22 mg/L (Monthly Ave. for 12/2014)	31
860-0469	KYG040569	140	Total Manganese	2 mg/L (Monthly Ave.)	6.605 mg/L (Monthly Ave. for 10/2014)	31
				4 mg/L (Daily Max.)	7.03 mg/L (Daily Max. for 10/2014)	
860-0469	KYG040569	140	Total Manganese	2 mg/L (Monthly Ave.)	5.51 mg/L (Monthly Ave. for 11/2014)	30
				4 mg/L (Daily Max.)	6.59 mg/L (Daily Max. for 11/2014)	
860-0469	KYG040569	140	Total Manganese	2 mg/L (Monthly Ave.)	6.13 mg/L (Monthly Ave. for 12/2014)	31
				4 mg/L (Daily Max.)	6.13 mg/L (Daily Max. for 12/2014)	

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860-0469	KYG040569	142	Total Manganese	2 mg/L (Monthly Ave.)	17.3 mg/L (Monthly Ave. for 10/2014)	31
				4 mg/L (Daily Max.)	19.6 mg/L (Daily Max. for 10/2014)	
860-0469	KYG040569	142	Total Manganese	2 mg/L (Monthly Ave.)	6.45 mg/L (Monthly Ave. for 11/2014)	30
				4 mg/L (Daily Max.)	12.9 mg/L (Daily Max. for 11/2014)	
860-0469	KYG040569	142	Total Manganese	2 mg/L (Monthly Ave.)	15.9 mg/L (Monthly Ave. for 12/2014)	31
				4 mg/L (Daily Max.)	18.7 mg/L (Daily Max. for 12/2014)	
860-0469	KYG040569	143	Total Iron	4 mg/L (Daily Max.)	4.72 mg/L (Daily Max. for 11/2014)	1
860-0469	KYG040569	143	Total Manganese	2 mg/L (Monthly Ave.)	3.495 mg/L (Monthly Ave. for 11/2014)	30
				4 mg/L (Daily Max.)	5.03 mg/L (Daily Max. for 11/2014)	
860-0469	KYG040569	143	Total Iron	3 mg/L (Monthly Ave.)	5.02 mg/L (Monthly Ave. for 12/2014)	31
				4 mg/L (Daily Max.)	5.21 mg/L (Daily Max. for 12/2014)	
860-0469	KYG040569	143	Total Manganese	2 mg/L (Monthly Ave.)	6.455 mg/L (Monthly Ave. for 12/2014)	31
				4 mg/L (Daily Max.)	6.61 mg/L (Daily Max. for 12/2014)	
860-0469	KYG040569	146	Total Manganese	2 mg/L (Monthly Ave.)	5.745 mg/L (Monthly Ave. for 10/2014)	31
				4 mg/L (Daily Max.)	5.78 mg/L (Daily Max. for 10/2014)	

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860-0469	KYG040569	146	Total Manganese	2 mg/L (Monthly Ave.)	3.86 mg/L (Monthly Ave. for 11/2014)	30
				4 mg/L (Daily Max.)	6.38 mg/L (Daily Max. for 11/2014)	
860-0469	KYG040569	146	Total Manganese	2 mg/L (Monthly Ave.)	7.315 mg/L (Monthly Ave. for 12/2014)	31
				4 mg/L (Daily Max.)	8.49 mg/L (Daily Max. for 12/2014)	
860-0469	KYG040569	147	Total Manganese	2 mg/L (Monthly Ave.)	6.835 mg/L (Monthly Ave. for 11/2014)	30
				4 mg/L (Daily Max.)	11.5 mg/L (Daily Max. for 11/2014)	
860-0469	KYG040569	147	Total Manganese	2 mg/L (Monthly Ave.)	13.65 mg/L (Monthly Ave. for 12/2014)	31
				4 mg/L (Daily Max.)	15.3 mg/L (Daily Max. for 12/2014)	
860-0469	KYG040569	148	Total Manganese	2 mg/L (Monthly Ave.)	15.75 mg/L (Monthly Ave. for 10/2014)	31
				4 mg/L (Daily Max.)	18 mg/L (Daily Max. for 10/2014)	
860-0469	KYG040569	148	Total Manganese	2 mg/L (Monthly Ave.)	15.58 mg/L (Monthly Ave. for 11/2014)	30
				4 mg/L (Daily Max.)	26.4 mg/L (Daily Max. for 11/2014)	
860-0469	KYG040569	148	Total Manganese	2 mg/L (Monthly Ave.)	23.75 mg/L (Monthly Ave. for 12/2014)	31
				4 mg/L (Daily Max.)	24.1 mg/L (Daily Max. for 12/2014)	
860-0469	KYG040569	151	Total Manganese	2 mg/L (Monthly Ave.)	18.75 mg/L (Monthly Ave. for 11/2014)	30
				4 mg/L (Daily Max.)	23.2 mg/L (Daily Max. for 11/2014)	

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860-0469	KYG040569	151	Total Manganese	2 mg/L (Monthly Ave.)	18.15 mg/L (Monthly Ave. for 12/2014)	31
				4 mg/L (Daily Max.)	20 mg/L (Daily Max. for 12/2014)	
860-0469	KYG040569	152	Total Manganese	2 mg/L (Monthly Ave.)	9.22 mg/L (Monthly Ave. for 11/2014)	30
				4 mg/L (Daily Max.)	11.1 mg/L (Daily Max. for 11/2014)	
860-0469	KYG040569	152	Total Manganese	2 mg/L (Monthly Ave.)	13.05 mg/L (Monthly Ave. for 12/2014)	31
				4 mg/L (Daily Max.)	13.7 mg/L (Daily Max. for 12/2014)	
860-0469	KYG040569	156	pH	Max 9.0; Min. 6.0	5.93 (Daily Min. for 10/2014)	1
860-0469	KYG040569	156	pH	Max 9.0; Min. 6.0	5.5 (Daily Min. for 11/2014)	1
860-0469	KYG040569	156	pH	Max 9.0; Min. 6.0	5.64 (Daily Min. for 12/2014)	1
860-9014	KY0101761	133	Total Manganese	2 mg/L (Monthly Ave.)	2.23 mg/L (Monthly Ave. for 10/2014)	31
860-9014	KY0101761	133	Total Manganese	2 mg/L (Monthly Ave.)	2.41 mg/L (Monthly Ave. for 11/2014)	30
860-9014	KY0101761	133	Total Manganese	2 mg/L (Monthly Ave.)	2.22 mg/L (Monthly Ave. for 12/2014)	31
860-9014	KY0101761	290	Total Manganese	2 mg/L (Monthly Ave.)	3.645 mg/L (Monthly Ave. for 11/2014)	30
				4 mg/L (Daily Max.)	4.46 mg/L (Daily Max. for 11/2014)	
897-0499	KYG044971	103	Total Suspended Solids	35 mg/L (Monthly Ave.)	46 mg/L (Monthly Ave. for 11/2014)	30
				70 mg/L (Daily Max.)	82 mg/L (Daily Max. for 11/2014)	

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860-9014	KY0101761	290	Total Manganese	2 mg/L (Monthly Ave.)	3.71 mg/L (Monthly Ave. for 12/2014)	31
				4 mg/L (Daily Max.)	4.1 mg/L (Daily Max. for 12/2014)	
897-0499	KYG044971	104	Total Manganese	2 mg/L (Monthly Ave.)	2.195 mg/L (Monthly Ave. for 10/2014)	31
897-0499	KYG044971	104	Total Manganese	2 mg/L (Monthly Ave.)	2.915 mg/L (Monthly Ave. for 12/2014)	31
897-0499	KYG044971	172	Total Suspended Solids	35 mg/L (Monthly Ave.)	39.5 mg/L (Monthly Ave. for 11/2014)	30
				70 mg/L (Daily Max.)	79 mg/L (Daily Max. for 11/2014)	
897-0499	KYG044971	174	Total Suspended Solids	35 mg/L (Monthly Ave.)	91.5 mg/L (Monthly Ave. for 11/2014)	30
				70 mg/L (Daily Max.)	183 mg/L (Daily Max. for 11/2014)	
860-0469	KYG040569	155	pH	Max 9.0; Min. 6.0	5.57 (Daily Min. for 10/2014)	1
860-0469	KYG040569	145	pH	Max 9.0; Min. 6.0	5.14 (Daily Min. for 12/2014)	1
860-0469	KYG040569	154	pH	Max 9.0; Min. 6.0	4.97 (Daily Min. for 11/2014)	1
860-0469	KYG040569	154	pH	Max 9.0; Min. 6.0	4.92 (Daily Min. for 12/2014)	1
860-0469	KYG040569	153	pH	Max 9.0; Min. 6.0	4.89 (Daily Min. for 11/2014)	1
860-0469	KYG040569	145	pH	Max 9.0; Min. 6.0	4.83 (Daily Min. for 11/2014)	1
860-0469	KYG040569	155	pH	Max 9.0; Min. 6.0	4.72 (Daily Min. for 9/2014)	1
860-0469	KYG040569	155	pH	Max 9.0; Min. 6.0	4.71 (Daily Min. for 12/2014)	1
860-0469	KYG040569	154	pH	Max 9.0; Min. 6.0	4.68 (Daily Min. for 10/2014)	1

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860-0469	KYG040569	153	pH	Max 9.0; Min. 6.0	4.03 (Daily Min. for 12/2014)	1
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