

Marc Owen
 phone: 836-3197
 email: mowen@missouristate.edu

To: Brian Bingle
 City of Nixa, MO
 MOR040067
 RE: MS4 Sampling

Laboratory Testing Results
 Total Phosphorus (mg/l)
 First Flush

Sample ID	Collection (date)	Received (date)	Analysis (date)	Analyst (initials)	TP conc (mg/l)	OEWR SOP (code)	QC Check (date)	QA/QC Mng (initials)	Detection Limit (mg/l)	Laboratory Reagent Blank (mg/l)	Replicate (%)	Laboratory Spike (%)
N-2	1/17/2017	1/17/2017	2/8/2017	MLH/KR	0.125	3010R02	2/13/2017	MLH	(≤ 0.005 mg/l)	(≤ 0.005 mg/l) preferred	($\pm 20\%$ required)	(100 $\pm 20\%$ required)
									0.003	0.001	1.3	101.2

Verification of Quality Control:

Megay Hente
 Megay Hente
 Signature
 Date 2/16/17

Final check and approved for release by:

Marc B. Owen
 Marc B. Owen
 Signature
 Date 2-16-17



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N-2	1/17/2017	1/17/2017	2/8/2017	MLH/KR	0.62	3020R02	2/13/2017	MLH	(≤ 0.1 mg/l)	(≤ 0.1 mg/l preferred)	($\pm 20\%$ required)	($100 \pm 20\%$ required)
									0.04	0.02	3.1	96.8

Verification of Quality Control:

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MISSOURI STATE UNIVERSITY
 Ozark Environmental and Water Resources Institute

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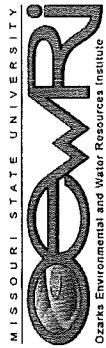
Sample ID	Collection (date)	Received (date)	Analysis (date)	Analyst (Initials)	TN conc (mg/l)	OEWR SOP (code)	QC Check (date)	QA/QC Mng (Initials)	Detection Limit (mg/l)	Laboratory Reagent Blank (mg/l)	Replicate (%)	Laboratory Spike (%)
N-3	4/17/2017	4/17/2017	5/11/2017	MLH/KR	1.88	3020R02	5/15/2017	MLH/KR	(≤ 0.1 mg/l)	(≤ 0.1 mg/l preferred)	($\pm 20\%$ required)	(100 $\pm 20\%$ required)
N-1	4/29/2017	4/29/2017	5/11/2017	MLH/KR	1.37	3020R02	5/15/2017	MLH/KR	0.04	0.03	1.7	95.2
N-1	5/2/2017	5/2/2017	5/11/2017	MLH/KR	1.59	3020R02	5/15/2017	MLH/KR	0.04	0.03	1.7	95.2
N-3	5/4/2017	5/4/2017	5/11/2017	MLH/KR	0.97	3020R02	5/15/2017	MLH/KR	0.04	0.03	1.7	95.2
N-1	5/4/2017	5/4/2017	5/11/2017	MLH/KR	1.73	3020R02	5/15/2017	MLH/KR	0.04	0.03	1.7	95.2

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N-3	4/17/2017	4/17/2017	5/11/2017	MKH/KR	0.523	3010R02	5/15/2017	MLH/KR	(≤0.005 mg/l)	(≤0.005 mg/l preferred)	(±20% required)	(100 ±20% required)
N-1	4/29/2017	4/29/2017	5/11/2017	MKH/KR	0.172	3010R02	5/15/2017	MLH/KR	0.002	0.001	2.2	102.8
N-1	5/2/2017	5/2/2017	5/11/2017	MKH/KR	0.032	3010R02	5/15/2017	MLH/KR	0.002	0.001	2.2	102.8
N-3	5/4/2017	5/4/2017	5/11/2017	MKH/KR	0.112	3010R02	5/15/2017	MLH/KR	0.002	0.001	2.2	102.8
N-1	5/4/2017	5/4/2017	5/11/2017	MKH/KR	0.032	3010R02	5/15/2017	MLH/KR	0.002	0.001	2.2	102.8

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N-2	3/25/2017	3/25/2017	4/17/2017	MLHKR	0.27	3020R02	4/25/2017	MLH	(≤0.1 mg/l)	(≤0.1 mg/l preferred)	(±20% required)	(100 ±20% required)
N-3	3/25/2017	3/25/2017	4/17/2017	MLHKR	0.74	3020R02	4/25/2017	MLH	0.05	0.02	4.9	93.0
									0.05	0.02	4.9	93.0

Verification of Quality Control:

Megan Henté
 Megan Henté Signature
 5-1-17 Date

Final check and approved for release by:

Marc R. Owen
 Marc R. Owen Signature
 5-2-17 Date

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N-2	3/25/2017	3/25/2017	4/17/2017	MKH/KR	0.771	3010R02	4/25/2017	MLH/KR	(≤0.005 mg/l)	(≤0.005 mg/l preferred)	(±20% required)	(100 ±20% required)
N-3	3/25/2017	3/25/2017	4/17/2017	MKH/KR	0.775	3010R02	4/25/2017	MLH/KR	0.003	0.001	1.8	93.5
									0.003	0.001	1.8	93.5

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 Date 5-2-17