

Wastewater Discharge Monitoring Long Report

For DNR Use Only

Facility Name: MADISON KIPP CORP

Contact Address: □□
□□, □□

Facility Contact: , □□

Phone Number: □□

Reporting Period: 07/01/2018 - 07/31/2018

Form Due Date: 08/21/2018

Permit Number: 0046566

Date Received:	
DOC:	408709
FIN:	7960
FID:	113125320
Region:	South Central Region
Permit Drafter:	Drafter not set
Reviewer:	Emily M James
Office:	Milwaukee

Sample Point	001	001	001	001	001	
Description	Surface Water Discharge	Surface Water Discharge	Surface Water Discharge	Surface Water Discharge	Surface Water Discharge	
Parameter	211	40	54	80	93	
Description	Flow Rate	Benzene	BETX, Total	Bromoform	Carbon tetrachloride	
Units	gpd	ug/L	ug/L	ug/L	ug/L	
Sample Type	ESTIMATED	GRAB	GRAB	GRAB	GRAB	
Frequency	DAILY	MONTHLY	MONTHLY	MONTHLY	MONTHLY	
Sample Results	Day 1	64800				
	2	64800				
	3	64800				
	4	64800				
	5	64800				
	6	64800				
	7	64800				
	8	64800				
	9	64800	<0.15	<0.40	<0.45	<0.38
	10	64800				
	11	0				
	12	0				
	13	0				
	14	0				
	15	0				
	16	0				
	17	0				
	18	0				
	19	0				
	20	0				
	21	0				
	22	0				
	23	0				
	24	0				
	25	0				
	26	0				
	27	64800				
	28	64800				
	29	64800				
	30	64800				
	31	64800				

	Sample Point	001		001		001		001			
	Description	Surface Water Discharge		Surface Water Discharge		Surface Water Discharge		Surface Water Discharge			
	Parameter	211		40		54		80			
	Description	Flow Rate		Benzene		BETX, Total		Bromoform			
	Units	gpd		ug/L		ug/L		ug/L			
Summary Values	Monthly Avg	31354.838709677		0		0		0			
	Daily Max	64800		<0.15		<0.4		<0.45			
	Daily Min	0		<0.15		<0.4		<0.45			
Limit(s) in Effect	Monthly Avg		50	0	750	0	120	0	150	0	
QA/QC Information	LOD			0.15				0.45		0.38	
	LOQ			0.5				1		1	
	QC Exceedance	N		N		N		N		N	
	Lab Certification			999580010		999580010		999580010		999580010	

	Sample Point	001	001	001	001	001
	Description	Surface Water Discharge	Surface Water Discharge	Surface Water Discharge	Surface Water Discharge	Surface Water Discharge
	Parameter	118	174	570	558	82
	Description	Chloroform	Dichlorobromomethane (bromodichloromethane)	1,2-Dichloro- ethane	1,1-Dichloro- ethylene	Methyl bromide
	Units	ug/L	ug/L	ug/L	ug/L	ug/L
	Sample Type	GRAB	GRAB	GRAB	GRAB	GRAB
	Frequency	MONTHLY	MONTHLY	MONTHLY	MONTHLY	MONTHLY
Sample Results	Day 1					
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9	<0.37	<0.37	<0.39	<0.39	<0.65
	10					
	11					
	12					
	13					
	14					
	15					
	16					
	17					
	18					
	19					
	20					
	21					
	22					
	23					
	24					
	25					
	26					
	27					
	28					
	29					
	30					
	31					

	Sample Point	001		001		001		001		001	
	Description	Surface Water Discharge		Surface Water Discharge		Surface Water Discharge		Surface Water Discharge		Surface Water Discharge	
	Parameter	118		174		570		558		82	
	Description	Chloroform		Dichlorobromo- methane (bromo- dichloromethane)		1,2-Dichloro- ethane		1,1-Dichloro- ethylene		Methyl bromide	
	Units	ug/L		ug/L		ug/L		ug/L		ug/L	
Summary Values	Monthly Avg	0		0		0		0		0	
	Daily Max	<0.37		<0.37		<0.39		<0.39		<0.65	
	Daily Min	<0.37		<0.37		<0.39		<0.39		<0.65	
Limit(s) in Effect	Monthly Avg	120	0	120	0	180	0	50	0	120	0
QA/QC Information	LOD	0.37		0.37		0.39		0.39		0.65	
	LOQ	2		1		1		1		2	
	QC Exceedance	N		N		N		N		N	
	Lab Certification	999580010		999580010		999580010		999580010		999580010	

	Sample Point	001	001	001	001	001
	Description	Surface Water Discharge	Surface Water Discharge	Surface Water Discharge	Surface Water Discharge	Surface Water Discharge
	Parameter	285	565	490	563	561
	Description	Methylene chloride	1,1,2,2-Tetrachloro-ethane	Tetrachloroethylene	1,1,2-Trichloro- ethane	1,1,1-Trichloro- ethane
	Units	ug/L	ug/L	ug/L	ug/L	ug/L
	Sample Type	GRAB	GRAB	GRAB	GRAB	GRAB
	Frequency	MONTHLY	MONTHLY	MONTHLY	MONTHLY	MONTHLY
Sample Results	Day 1					
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9	<0.32	<0.40	23	<0.35	<0.38
	10					
	11					
	12					
	13					
	14					
	15					
	16					
	17					
	18					
	19					
	20					
	21					
	22					
	23					
	24					
	25					
	26					
	27					
	28					
	29					
	30					
	31					

	Sample Point	001		001		001		001		001	
	Description	Surface Water Discharge		Surface Water Discharge		Surface Water Discharge		Surface Water Discharge		Surface Water Discharge	
	Parameter	285		565		490		563		561	
	Description	Methylene chloride		1,1,2,2-Tetrachloro-ethane		Tetrachloroethylene		1,1,2-Trichloro- ethane		1,1,1-Trichloro- ethane	
	Units	ug/L		ug/L		ug/L		ug/L		ug/L	
Summary Values	Monthly Avg	0		0		23		0		0	
	Daily Max	<0.32		<0.4		23		<0.35		<0.38	
	Daily Min	<0.32		<0.4		23		<0.35		<0.38	
Limit(s) in Effect	Monthly Avg	120	0	50	0	50	0	50	0	50	0
QA/QC Information	LOD	0.32		0.4		0.37		0.35		0.38	
	LOQ	1		1		1		1		1	
	QC Exceedance	N		N		N		N		N	
	Lab Certification	999580010		999580010		999580010		999580010		999580010	

	Sample Point	001	001
	Description	Surface Water Discharge	Surface Water Discharge
	Parameter	508	517
	Description	Trichloro- ethylene	Vinyl chloride
	Units	ug/L	ug/L
	Sample Type	GRAB	GRAB
	Frequency	MONTHLY	MONTHLY
Sample Results	Day 1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	9	5.7	<0.20
	10		
	11		
	12		
	13		
	14		
	15		
	16		
	17		
	18		
	19		
	20		
	21		
	22		
	23		
	24		
	25		
	26		
	27		
	28		
	29		
	30		
	31		

	Sample Point	001		001	
	Description	Surface Water Discharge		Surface Water Discharge	
	Parameter	508		517	
	Description	Trichloro- ethylene		Vinyl chloride	
	Units	ug/L		ug/L	
Summary Values	Monthly Avg	5.7		0	
	Daily Max	5.7		<0.2	
	Daily Min	5.7		<0.2	
Limit(s) in Effect	Monthly Avg	50	0	10	0
QA/QC Information	LOD	0.16		0.2	
	LOQ	0.5		1	
	QC Exceedance	N		N	
	Lab Certification	999580010		999580010	

Footnotes (DNR Use Only; Instructions for completing this form that are unique for your facility may be displayed here.)

General Remarks

The GETS shutdown on 7/11/2018 due to issues with the extraction well pump. A new pump was installed and the system was restarted on 7/26/2018. The GETS was sampled for Total Suspended Solids on 7/26/2018 following the restart of the system and the results were reported below the method detection limit(Sample ID: Effluent; Parameter: TSS; Result: <1.9 mg/L).

Madison-Kipp/TRC conduct visual monitoring for sodium permanganate: Results: Absent

Laboratory Quality Control Comments

Submitted by astehn on 08/21/2018 4:46:14 PM