

Wastewater Discharge Monitoring Long Report

For DNR Use Only

Facility Name: MADISON KIPP CORP
 Contact Address: □□
 □□, □□
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 Phone Number: □□
 Reporting Period: 10/01/2018 - 10/31/2018
 Form Due Date: 11/21/2018
 Permit Number: 0046566

Date Received:
 DOC: 413921
 FIN: 7960
 FID: 113125320
 Region: South Central Region
 Permit Drafter: Trevor J Moen
 Reviewer: Alan A Hopfensperger
 Office: Fitchburg

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	62200				
	2	57600				
	3	57600				
	4	57600				
	5	57600				
	6	57600				
	7	57600				
	8	62395	<0.15	0.50	<0.45	<0.38
	9	64800				
	10	64800				
	11	64800				
	12	64800				
	13	64800				
	14	64800				
	15	64800				
	16	64800				
	17	64800				
	18	64800				
	19	64800				
	20	64800				
	21	64800				
	22	64800				
	23	64800				
	24	16380				
	25	32800				
	26	57600				
	27	57600				
	28	57600				
	29	57600				
	30	57600				
	31	57600				

	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	59257.258064516		0		0.5		0			
	Daily Max	64800		<0.15		0.5		<0.45			
	Daily Min	16380		<0.15		0.5		<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	<0.37	<0.37	<0.39	<0.39	<0.65
	9					
	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	120	565	490	563	561
	Description	Chloromethane	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	<0.32	<0.40	31	<0.35	<0.38
	9					
	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	120		565		490		563		561	
	Description	Chloromethane		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		31		0		0	
	Daily Max	<0.32		<0.4		31		<0.35		<0.38	
	Daily Min	<0.32		<0.4		31		<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	7.7	<0.20
	9		
	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	7.7		0	
	Daily Max	7.7		<0.2	
	Daily Min	7.7		<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	

General Remarks

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

The GETs flow rate was adjusted to 40 GPM between 10/1/2018 and 10/8/2018 due to issues with the SVE system. The system was restored to 45 GPM on 10/8/2018.

The GETS was shut down on the morning of 10/24/2018 while monitoring well MW-21D2 was abandoned. The system was restarted to 40 gpm on 10/25/2018 and will remain at 40 gpm until the SVE shutdown monitoring program is complete.

Laboratory Quality Control Comments

Xylenes, Total was the only detection for the BTEX parameters above the LOD and the noted concentration is considered approximate as it was reported between the LOD and LOQ.

Submitted by astehn on 11/19/2018 2:41:49 PM