

Wastewater Discharge Monitoring Long Report

For DNR Use Only

Facility Name: MADISON KIPP CORP
 Contact Address: □□
 □□ , □□
 Facility Contact: , □□
 Phone Number: □□
 Reporting Period: 09/01/2018 - 09/30/2018
 Form Due Date: 10/21/2018
 Permit Number: 0046566

Date Received:
 DOC: 413920
 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	0				
	2	0				
	3	0				
	4	32400	<0.15	<0.40	<0.45	<0.38
	5	64800				
	6	64800				
	7	64800				
	8	64800				
	9	54000				
	10	24000				
	11	57600				
	12	57600				
	13	57600				
	14	57600				
	15	57600				
	16	57600				
	17	57600				
	18	57600				
	19	62250				
	20	64800				
	21	64800				
	22	64800				
	23	64800				
	24	64800				
	25	64800				
	26	64800				
	27	64800				
	28	64800				
	29	64800				
	30	64800				
	31					

	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	53515		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	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
	Sample Type	GRAB	GRAB	GRAB	GRAB	GRAB
	Frequency	MONTHLY	MONTHLY	MONTHLY	MONTHLY	MONTHLY
Sample Results	Day 1					
	2					
	3					
	4	<0.37	<0.37	<0.39	<0.39	<0.65
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					
	14					
	15					
	16					
	17					
	18					
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	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	<0.32	<0.40	20	<0.35	<0.38
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					
	14					
	15					
	16					
	17					
	18					
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	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		20		0		0	
	Daily Max	<0.32		<0.4		20		<0.35		<0.38	
	Daily Min	<0.32		<0.4		20		<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	7.6	<0.20
	5		
	6		
	7		
	8		
	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	7.6		0	
	Daily Max	7.6		<0.2	
	Daily Min	7.6		<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 was off between 09/01/2018 and the afternoon of 09/04/2018 while a tank level float was repaired.

The GETS shutdown the evening of 9/9/2018 due to a pump fault and was restarted on 9/10/2018 at 40 gpm due to shutdown of the SVE system. The GETS operated at 40 gpm between 9/10/2018 and 9/18/2018 and was adjusted to 45 gpm on 9/19/2018 when the SVE system was restarted.

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

Laboratory Quality Control Comments

Submitted by astehn on 10/18/2018 8:24:47 AM