

Application No. OHP000042

Issue Date: April 17, 2006

Effective Date: June 1, 2006

Expiration Date: May 31, 2011

Ohio Environmental Protection Agency

Indirect Discharge Permit

In compliance with the provisions of the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et. seq., hereinafter referred to as "the Act"), and the Ohio Water Pollution Control Act (Ohio Revised Code 6111),

Mahle Engine Components USA, Inc.

is authorized by the Ohio Environmental Protection Agency, hereinafter referred to as "Ohio EPA," to discharge wastewater from its facility located at 17226 CR 57, Caldwell, Ohio 43724, Noble County

into the Publicly Owned Treatment Works of the Village of Caldwell located at Railroad Street, Caldwell, Ohio 43724

in accordance with the conditions specified in Parts I, II, and III of this permit.

The permit is issued to apply and enforce pretreatment rules of the state of Ohio. The rights granted by this permit shall not supersede the primacy of the above authority in the regulation of its publicly owned treatment works.

This permit is conditioned upon payment of applicable fees as required by Section 3745.11 of the Ohio Revised Code.

This permit and the authorization to discharge shall expire at midnight on the expiration date shown above. In order to receive authorization to discharge beyond the above date of expiration, the permittee shall submit such information and forms as are required by the Ohio EPA no later than 180 days prior to the above date of expiration.

Chris Korleski
Director

Total Pages: 13

Part I, A. - FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on <BeginDate> and lasting until <EndDate> , the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from the following outfall: ODP00009001.

Table - End of Pipe - 001 - Final

Effluent Characteristic Parameter	Discharge Limitations						Monitoring Requirements			
	Concentration Specified Units		Loading* kg/day				Measuring Frequency	Sampling Type	Monitoring Months	
	Maximum	Minimum	Weekly	Monthly	Daily	Weekly				Monthly
00056 - Flow Rate - GPD	-	-	-	-	-	-	-	1/Month	24hr Total	All
00402 - pH, Minimum - S.U.	-	5.0	-	-	-	-	-	1/Month	Grab	All
00720 - Cyanide, Total - mg/l	1.1	-	-	0.61	-	-	-	1/Month	Grab	All
01027 - Cadmium, Total (Cd) - ug/l	9	-	-	9	-	-	-	1/Month	Composite	All
01034 - Chromium, Total (Cr) - ug/l	2590	-	-	1600	-	-	-	1/Month	Composite	All
01042 - Copper, Total (Cu) - ug/l	3160	-	-	1930	-	-	-	1/Month	Composite	All
01051 - Lead, Total (Pb) - ug/l	640	-	-	400	-	-	-	1/Month	Composite	All
01067 - Nickel, Total (Ni) - ug/l	1110	-	-	1110	-	-	-	1/Month	Composite	All
01077 - Silver, Total (Ag) - ug/l	400	-	-	220	-	-	-	1/Month	Composite	All
01092 - Zinc, Total (Zn) - ug/l	2410	-	-	1380	-	-	-	1/Month	Composite	All
82090 - Total Toxic Organics - ug/l	1990	-	-	-	-	-	-	2/Year	Composite	Semi-annual

2. Samples shall be collected at the sampling station located downstream from the 90,000-gallon holding tank prior to mixing with any other wastestreams.

3. The permittee shall report the total dilute flow (boiler blowdown, cooling tower blowdown, cooling tower sandfilter backwash and water softener backwash) in the comment section of the discharge monitoring report.

4. The limitations for cadmium and nickel are based on the Village of Caldwell local limits. The limitations for other pollutants are based on a regulated process flow of 50,047 gallons per day, a dilute flow of 3,553 gallons per day, and the pretreatment standards in Subpart A of 40 CFR Part 433.

Part II, Other Requirements

1. The permittee shall comply with all applicable rules, regulations, and ordinances of the Village of Caldwell. If the authority to discharge is revoked by the POTW, this shall also be considered grounds for revocation of this permit.

2. In addition to the report submitted to Ohio EPA under Part III, Item 3, of this permit, a copy of each discharge monitoring report shall be submitted to the POTW at the following address:

Village of Caldwell
Wastewater Treatment Plant
P.O. Box 1049
Caldwell, Ohio 43724

3. Any slug loading shall be reported to the POTW at (740) 732-4652 pursuant to requirements in Part III, Item 10.

4. Total Toxic Organic (TTO)

A. Compliance Monitoring

The permittee may elect to monitor in accordance with paragraph 4.A.1. below or, in lieu thereof, adopt and implement a toxic organic management plan and submit certifications in accordance with paragraph 4.A.2. hereof.

1. Compliance Monitoring Option

If the permittee elects to monitor to measure compliance with the TTO standard, the monitoring shall be conducted in accordance with the following provisions.

a. At least two grab samples for volatile pollutants and a discharge day composite sample for acid and base/neutral, and pesticide pollutants shall be obtained on each monitoring day. Wastewater samples shall be prepared and analyzed in accordance with 40 CFR 136. The TTO measured in the discharge are to be reported in the units of micrograms per liter (ug/l). The term TTO shall mean total toxic organics, which is the summation of all quantifiable values greater than 10 micrograms per liter for the following toxic organics:

Acenaphthene	4,6-Dinitro-o-cresol
Acrolein	N-Nitrosodimethylamine
Acrylonitrile	N-Nitrosodiphenylamine
Benzene	Phenanthrene
Benzidine	1,2-dichloroethane
Carbon tetrachloride (tetrachloromethane)	1,2,5,6-dibenzanthracene (dibenzo(a,h)anthracene)
Chlorobenzene	1,1,1-trichloroethane
1,2,4-trichlorobenzene	Hexachloroethane
Hexachlorobenzene	1,1-dichloroethane
Naphthalene	2,3-o-phenylene pyrene (indeno(1,2,3-cd)pyrene)
Nitrobenzene	1,1,2-trichloroethane
2-Nitrophenol	Pyrene
4-Nitrophenol	1,1,2,2-tetrachloroethane
2,4-Dinitrophenol	PCB-polychlorinated biphenyls
Tetrachloroethylene	PCB-1242 (Arochlor 1242)
Chloroethane	Fluorene
Toluene	PCB-1254 (Arochlor 1254)
Bis (2-chlorethyl) ether	2-chloronaphthalene
Trichloroethylene	
	PCB-1221 (Arochlor 1221)
2-chloroethyl vinyl ether (mixed)	2,4,6-trichlorophenol
Vinyl Chloride (chloroethylene)	PCB-1232 (Arochlor 1232)
N-nitrosodi-n-propylamine	Parachlorometa cresol
Aldrin	PCB-1248 (Arochlor 1248)
Pentachlorophenol	Chloroform (trichloromethane)
Dieldrin	PCB-1260 (Arochlor 1260)
Phenol	2-chlorophenol
Chlordane (technical mixture and metabolites)	PCB-1016 (Arochlor 1016)
Bis (2-ethylhexyl) phthalate	1,2-Dichlorobenzene
Butyl benzyl phthalate	Toxaphene
4,4-DDT	1,3-Dichlorobenzene
Di-n-butyl phthalate	2,3,7,8-tetrachlorodibenzo-p- Dioxin (TCDD)
4,4-DDE (p,p-DDX)	1,4-Dichlorobenzene
Di-n-octyl phthalate	3,3-Dichlorobenzidine
4,4-DDD (p,p-TDE)	Ethylbenzene
Diethyl phthalate □	1,1-Dichloroethylene
Alpha-endosulfan	Fluoranthene
Dimethyl phthalate	Bromoform (tribromomethane)
Beta-endosulfan	

1,2-Benzanthracene (benzo(a)anthracene)	Methyl bromide (bromomethane)
Endosulfan sulfate	Trans-1,2-dichloroethylene
Endrin	4-chlorophenyl phenyl ether
3,4-Benzopyrene (benzo(a)pyrene)	2,4-Dichlorophenol
Endrin aldehyde	4-bromophenyl phenyl ether
3,4-Benzofluoranthene (benzo(b)fluoranthene)	1,2-Dichloropropane
Heptachlor	Bis (2-chloroisopropyl) ether
Heptachlor epoxide (BHC-hexachlorocyclohexane)	1,3-Dichloropropene
11,12-benzofluoranthene	Bis (2-chloroethoxy) methane
Alpha-BHC	2,4-Dimethylphenol
Chrysene	Methylene chloride (dichloromethane)
Beta-BHC	2,4-Dinitrotoluene
Acenaphthylene	Methyl chloride (chloromethane)
Gamma-BHC (lindane)	2,6-Dinitrotoluene
Anthracene	1,2-diphenylhydrazine
Delta-BHC	Chlorodibromoethane
1,12-benzoperylene (benzo(ghi)perylene)	Dichlorobromomethane
	Hexachlorocyclopentadiene
	Hexachlorobutadiene
	Isophorone

b. Depending upon the results of prior wastewater monitoring and any other information, the Ohio EPA may modify the provisions of paragraph 4.A.1.a., as appropriate. Modifications may include, but are not limited to, restricting monitoring to those toxic organics which would reasonably be expected to be present.

2. Certification Option

If the permittee elects to certify compliance, rather than monitor, the permittee shall:

a. Have an acceptable toxic organic management plan on file with the Ohio EPA. The plan shall specify to the satisfaction of Ohio EPA the toxic organic chemicals used, the method of disposal used instead of dumping, such as reclamation, contract hauling, or incineration, and procedures for ensuring that toxic organics do not spill or leak into process wastewaters, non-contact cooling water, ground water, storm water, or surface waters.

b. Except as provided in subparagraph (c) below, make the following certification statement with each compliance monitoring report: "Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standards for total toxic organics, I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing of the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to the Ohio EPA." This statement is to be attached to the compliance monitoring reports required by this permit.

c. If the permittee is unable to make the above certification statement or if conditions change at your facility that affect the use or storage of toxic organics, you must notify Ohio EPA at least sixty days prior to the due date for filing the compliance monitoring report. At that time, Ohio EPA will determine the appropriateness of requiring monitoring for toxic organics or continuing the certification option.