AIR POLLUTION SOURCE INSPECTION REPORT FORM
DEPARTMENT OF ENVIRONMENTAL PROTECTION

FACILITY GENERAL ENGINES CO., INC. dba EAGER BEAVER TRAILERS	PAGE 1 OF 2

FACILITY ADDRESS 14893 HIGHWAY 27	CITY LAKE WALES

MAILING ADDRESS	CITY	STATE FL	ZIP 33859

INSPECTION DATE 10/24/08	TIME IN 1130	TIME OUT 1420	INSPECT. TYPE 2	COUNTY POLK

IDENTIFICATION NOS. N/A 1050432

SOURCE/FACILITY DESCRIPTION - HEAVY EQUIPMENT TRANSPORT TRAILERS

CONTACT(S) ASHLEY ELLERKER

UNANNOUNCED INSPECTION PROMPTED BY A REFERRAL FROM TARA SWANSON IN THE HAZARDOUS WASTE SECTION. THIS FACILITY MANUFACTURES TWO SIZES OF TRAILERS FOR TRANSPORTING HEAVY CONSTRUCTION EQUIPMENT. A SEMI-TRAILER TYPE WHICH IS NAMED A "LOW BOY" AND A SMALLER (AROUND 30 FT LONG) "TAG TRAILER". THE TRAILERS ARE SANDBLASTED, PRIMED, AND FINISH PAINTED ON SITE. WITH NORMAL ONE SHIFT OPERATION, ROUGHLY TEN TRAILERS ARE PRODUCED PER 5-DAY WEEK. THE FOLLOWING EQUIPMENT WAS NOTED DURING A WALK THROUGH OF THE FACILITY.

- TWO SANDBLASTING BOOTHS (APPROXIMATELY 30' AND 50' LONG)
- TWO PAINT BOOTHS WITH FILTERED EXHAUST TO THE OUTSIDE OF THE BUILDING (APPROXIMATELY 30' AND 50' LONG)
- 8 GRAYCO AIRLESS SPRAY PAINTING SYSTEMS (APPROX. 7 GPH EACH)
- A 5-GALLON SOLVENT STILL

PURCHASING RECORDS WERE REVIEWED FROM JANUARY THROUGH AUGUST 2008. DUE TO TIME CONSTRAINTS AND THE LARGE NUMBER OF RECORDS, IT WAS NOT POSSIBLE TO DETERMINE THE EXACT NUMBER OF GALLONS PURCHASED DURING THIS PERIOD. HOWEVER, A TOTAL OF $240,000 WAS SPENT ON PAINT PRODUCTS. THE FOLLOWING ASSUMPTIONS WERE MADE TO DETERMINE A BALLPARK VOC EMISSION ESTIMATE:

- EACH TRAILER RECEIVES ONE PRIMER AND ONE FINISH COAT
- PAINT COST: PRIMER $31, FINISH $20 (AVERAGE PAINT COST $25/GAL).
- VOC CONTENT: PRIMER AND FINISH PAINTS AVERAGE 5 LB/GAL
- 110 GALLONS OF PAINT REDUCER ARE USED PER MONTH (VOC 7.3 LB/GAL)
- THE BASIC COLORS USED ARE LISTED ON PAGE 2, BUT CUSTOM COLORS MAY BE USED.

INSPECTOR(S) W. Schroeder W. SCHROEDER	REPORT DATE 10/30/08

FACILITY
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CALCULATED ON THE ABOVE BASIS, ESTIMATED VOC IS 40.8 TONS/YEAR. THIS FACILITY SHOULD BE CONSIDERED FOR AN AFTER THE FACT CONSTRUCTION PERMIT.

BELOW ARE THE PRIMARY PAINT PRODUCTS USED AT THE FACILITY, PURCHASED PRIMARILY FROM FLEET PRODUCTS IN LAKELAND.

MANUFACTURER	PRODUCT	CODE NO.	LB VOC/GAL
PPG PAINTS	GREY PRIMER	HBA4035-55	5.0
PPG PAINTS	BEAVER YELLOW	ALKFP827-56	5.0
PPG PAINTS	BEAVER BLACK	ALKFP901-55	5.0
PPG PAINTS	WHITE	ALKFP951-5	5.0
PPG PAINTS	BEAVER RED	ALKFP703-55	5.0
DELTA LABS	GREY PRIMER	34HO27038	5.0
DELTA LABS	PAINT REDUCER	A-1201	7.3

INSPECTOR	DATE	FACILITY ID NUMBER
W. SCHROEDER	10/30/08	N/A