

**MALCOLM  
PIRNIE**

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Ans'd.....

MALCOLM PIRNIE, INC.  
6320 Beau Drive  
North Fort Myers FL 33903  
TEL: (813) 995-8500  
FAX: (813) 997-3407

TO: Jeffrey G. Gould  
OF: Waste Management  
FAX NO.: 332-6969

RE:

FROM: Don Markley  
DATE: 10/6/92  
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**TABLE 7-1  
SOUTH FACILITY PERMIT REQUIREMENTS**

SAMPLE TYPE	LIMIT	SAMPLE FREQUENCY	GOVERNING PERMIT
Excess Emissions Report		Quarterly	PSD Part 1.9b PPSC XIV A.4.b
Stack Test Particulates SO <sub>2</sub> NO <sub>x</sub> CO Lead Mercury Opacity Flouride Beryllium VOC Sulfuric Acid Mist	0.015 gdsct  0.140 #/mmBTU 60 ppm (3 hr roll avg) 65% reduction Never above .310 or 124 ppm  0.56 #/mmBTU 350 ppm (3 hr roll avg)  0.90 #/mmBTU 400 ppm (1 hr roll avg) 86 ppm (4 day roll avg)  0.00150 #/mmBTU  7.5E-4 #/mmBTU  < 15%  0.0040 #/mmBTU  9.3E-7 #/mmBTU  0.013 #/mmBTU  0.047 #/mmBTU	Annually	PSD Part 1.1.d PPSC XIV A.3.c PPSC XIV A.4.a
Report Amount of Material Landfilled		Quarterly	PPSC XIV E.6

**TABLE 7-1 (Cont'd)  
SOUTH FACILITY PERMIT REQUIREMENTS**

SAMPLE TYPE	REQUIRED TEST	SAMPLE FREQUENCY	GOVERNING PERMIT
Surface Water	DO BOD TSS OIL & GREASE ZINC COPPER NITRATES NICKEL pH MERCURY CADMIUM IRON LEAD COD TEMPERATURE FECAL COLIFORM TOTAL COLIFORM BENTHIC MACROINV.	Quarterly	PPSC XIV D.1.b
Groundwater	CONDUCTIVITY NITRATES IRON COD NICKEL ALUMINUM ARSENIC BARIUM CADMIUM CHROMIUM LEAD MERCURY SELENIUM SILVER CHLORIDES pH COPPER SULFATE MANGANESE TDS SODIUM ZINC TOTAL COLIFORM	Quarterly	PPSC XIV D.3.c

**TABLE 7-1 (Cont'd)  
SOUTH FACILITY PERMIT REQUIREMENTS**

SAMPLE TYPE	REQUIRED TEST	SAMPLE FREQUENCY	GOVERNING PERMIT
Surface Water Ponds Discharge (Organics)  reported semi-annually	TRICHLOROETHYLENE TETRACHLOROETHYLENE CARBON TETRACHLORIDE VINYL CHLORIDE 1,1,1-TRICHLOROETHANE 1,2-DICHLOROETHANE BENZENE ETHYLENE DIBROMIDE	During Discharge	PPSC XVI P
Surface Water Ponds Discharge	FLOW TSS COD OIL & GREASE pH	During Discharge	NPDES
Leachate (Above primary liner)	ARSENIC ANTIMONY BERYLLIUM CADMIUM CHROMIUM COPPER LEAD MERCURY NICKEL SELENIUM SILVER THALLIUM ZINC	Quarterly	FAC 17-702
Combined Ash	ARSENIC ANTIMONY BERYLLIUM CADMIUM CHROMIUM COPPER LEAD MERCURY NICKEL SELENIUM SILVER THALLIUM ZINC	Quarterly	PPSC XIV F.9 FAC 17-702

**TABLE 7-1 (Cont'd)  
SOUTH FACILITY PERMIT REQUIREMENTS**

SAMPLE TYPE	REQUIRED TEST	SAMPLE FREQUENCY	GOVERNING PERMIT
Leachate (Above Primary Liner)	PHENOLS CONDUCTIVITY pH COPPER ARSENIC ZINC OIL & GREASE TOTAL ORGANIC HALOGENS	Quarterly	PPSC XIV E.8
Leachate (Between primary and secondary liner)	CONDUCTIVITY CHLORIDES AMMONIA IRON SULFUR NITRATES ZINC	Quarterly	PPSC XIV P
Surface Water Ponds Discharge  reported semi-annually	ALUMINUM ANTIMONY BERYLLIUM CADMIUM COPPER CYANIDE IRON LEAD MERCURY NICKEL SELENIUM SILVER ZINC	During Discharge	PPSC XVI P
Surface Water Ponds Discharge  reported quarterly	TOC DO pH TURBIDITY SPECIFIC CONDUCTANCE COD ALKALINITY TSS	During Discharge	PPSC XVI P