Metropolitan
St. Louis Sewer
District

Department of Environmental Compliance
10 East Grand Avenue
St. Louis, MO 63147-2913
(314) 436-8710

June 28, 1988

Mr. Mike Pinson
CLAYCO CONSTRUCTION COMPANY
462 Summit Avenue
Hazelwood, MO 63042

Dear Mr. Pinson:

Please find enclosed a copy of the laboratory results from the sample of waste water which you submitted June 20, 1988. The only parameter that is over the limits for discharge to the MSD is iron. The iron concentration found was 100.8 mg/l and the discharge limit is 15 mg/l. Therefore the wastewater would have to be discharged with a large volume of other sanitary waste in order to meet the MSD discharge limits.

If you have any additional questions please call me at 436-8714.

Sincerely,
METROPOLITAN ST. LOUIS SEWER DISTRICT

John R. Lodderhose

John R. Lodderhose, P.E.
Manager, Environmental Compliance

jsf

Enclosure

07KF 30290624 4.2
Superfund
0400

LIMITED SAMPLE

MSD Industrial Waste Laboratory
Special Sample Form

Lab. No. [illegible] ☐ Comp ☐ Grab Date Received 6/21/55

Sample Date _____ Sample Time: _____ to _____

Requested by: [illegible] Collected by: [illegible]

~~Truck No.~~ [illegible]

Sample Source: [illegible]

Sampling Location: [illegible] TOPPOC TANK

Reason for sample: [illegible] FLOWER ([illegible])

☐ Trunk ☐ Sanitary ☐ Stream ☐ Storm ☐ Seepage ☐ STP ☐ Hauler

☐ Other (explain) _____

Analysis: except as noted ☒ mg/L ☐ ug/L ☐ mg/kg ☐ % comp ☐ other _____

☒	pH	6.8 (units)	☐	F		☐	Hg
☐	SPC	(umhos/cm)	☐	Cl		☐	As
☐	ALK		☐	CN		☐	Ba
☐	ACI		☐	CNA		☐	Be
☐	TS		☐	KJN		☒	Cd <0.02
☐	SS		☐	NH_3		☒	Cr <0.02
☐	VSS		☐	NO_3		☒	Cu <0.02
☐	%V		☐	NO_2		☒	Fe 16.5
☐	SET	(ml/L)	☐	PHT		☒	Pb <0.02
☐	GRE		☐	PHO		☒	Ni <0.02
☐	BOD		☐	SO_4		☐	Se
☒	COD	70	☐	SO_3		☐	Ag
☐	TOC		☐	S		☒	Zn 0.48
☒	PHE	<0.05	☐	SUR		☐	Tl
☒	LEL	<0.070	☐			☐	Sb
☐			☐			☐	
☐			☐			☐	
☒	Color: light yellow		☐	Cr^{+6}		☐	

☒ Odor: slightly acid ☐ Tot. Hardness _____

☒ Appearance: [illegible] settleables ☐ Tot. Chlorine ~~[illegible]~~

☒ Organics: ☐ IR ☐ GC ☐ LEL ☐ RAD ☐ UV ☐ FLUOR ☒ ID PERCEABLES

☐ Biological: ☐ Coliform: ☐ Total: _____ No./100ml

☐ Fecal: _____ No./100ml

☐ Microscopic: ☐ Bioassay: ☐ Fecal Strep: _____ No./100ml

Remarks: [illegible] SHEET [illegible] TIME

Date Transmitted: [illegible] by: [illegible]

64 — 140WW

..MSD Industrial Waste Laboratory

INSTRUMENTATION ANALYSES

Lab. No. 4365 Sample Source: GAF BLDG Date Received 6 2 / 86

Sample Date _____ Time: _____ ☐ Grab ☐ Comp Collected by: _____

☐ IR ☐ GC ☐ LEL ☐ RAD ☐ UV ☐ FLUOR ☐ TLC ☐ _____

☐ **Priority Pollutant** mg/L (except as noted)

☐ **VOLATILES:** 101,202 [illegible]

	acrolein	
	acrylonitrile	
	benzene	<.001
	bromodichloromethane	ND
	bromoform	
	bromomethane	
	carbon tetrachloride	
	chlorobenzene	
	chloroethane	
	2-chloroethyl vinyl ether	
	chloroform	
	chloromethane	
	dibromochloromethane	
	1,2-dichlorobenzene	
	1,3-dichlorobenzene	
	1,4-dichlorobenzene	
	1,1-dichloroethane	
	1,2-dichloroethane	
	1,1-dichloroethene	
	trans-1, 2-dichloroethene	
	1,2-dichloropropane	
	1, 3-dichloropropene, cis	
	1, 3-dichloropropene, trans	
	ethyl benzene	<.001
	methylene chloride	
	1,1,2,2-tetrachloroethane	
	tetrachloroethene	
	toluene	<.001
	1,1,1-trichloroethane	
	1,1,2-trichloroethane	
	trichloroethene	
	vinyl chloride	

☐ **ACIDS:**

	4-chloro-3-methylphenol	
	2-chlorophenol	
	2,4-dichlorophenol	
	2,4-dimethylphenol	
	4, 6-dinitro-2-methylphenol	

ACIDS: (Cont'd)

	2,4-dinitrophenol	
	2-nitrophenol	
	4-nitrophenol	
	pentachlorophenol	
	phenol	
	2,4,6-trichlorophenol	

☐ **BASE/NEUTRALS**

	acenaphthene	
	acenaphthylene	
	anthracene	
	benzidine	
	benzo(a)anthracene	
	benzo(a)pyrene	
	benzo (b) fluoranthene	
	benzo (g,h,i) perylene	
	benzo (k) fluoranthene	
	bis (2-chloroethoxy) methane	
	bis (2-chloroethyl) ether	
	bis (2-chloroisopropyl) ether	
	bis (2-ethylhexyl) phthalate	
	4-bromophenyl phenyl ether	
	butyl benzyl phthalate	
	2-chloronaphthalene	
	4-chlorophenyl phenyl ether	
	chrysene	
	dibenzo (a,h) anthracene	
	3,3-dichlorobenzidine	
	diethyl phthalate	
	dimethyl phthalate	
	di-n-butyl phthalate	
	di-n-octyl phthalate	
	2,4-dinitrotoluene	
	2,6-dinitrotoluene	
	1,2-diphenylhydrazine	
	fluoranthene	
	fluorene	
	hexachlorobenzene	
	hexachlorobutadiene	

BASE/NEUTRALS: (Cont'd)

	hexachlorocyclopentadiene	
	hexachloroethane	
	indeno (1,2,3-cd) pyrene	
	isophorone	
	naphthalene	
	nitrobenzene	
	N-nitrosodimethylamine	
	N-nitrosodi-n-propylamine	
	N-nitrosodiphenylamine	
	phenanthrene	
	pyrene	
	2,3,7,8-tetrachlorodibenzo-p-dioxin	
	1,2,4-trichlorobenzene	

☐ **PESTICIDES:**

	aldrin	
	alpha-BHC	
	beta-BHC	
	gamma-BHC	
	delta-BHC	
	chlordane	
	4,4'-DDD	
	4,4-DDE	
	4,4-DDT	
	dieldrin	
	alpha-endosulfan	
	beta-endosulfan	
	endousulfan sulfate	
	endrin	
	endrin aldehyde	
	heptachlor epoxide	
	heptachlor	
	PCB-1016	
	PCB-1221	
	PCB-1232	
	PCB-1242	
	PCB-1248	
	PCB-1254	
	PCB-1260	
	toxaphene	

☐ Gas Chromatography results: _____

☐ Thin-Layer Chromatography results: _____

☐ Appearance: _____

☐ Infrared Spectroscopy (a) methods utilized: _____

(b) results: _____

☐ Odor: _____

☐ API Gravity: _____

☐ Solubilities: _____

☐ Ultraviolet/Visible Spectroscopy results: _____

☐ Distillation Range: _____

☐ Flash Point: _____

☐ _____

☐ Special Tests: (specify) _____

Conclusions _____

Date Transmitted: [illegible] by: [illegible]

64-130WW