

cc: LAB REQUEST BOOK - 42-5W

File: _____

Water and Wastewater

REQUEST FOR LABORATORY WORK

Lab Request No. 1231

TO: ENVIRONMENTAL ENGINEERING LABORATORY - BUILDING 53-6N

Requestor	Lab Personnel				
Name: <u>YUNIS</u> Request Date _____ Project No. _____ Prob. No. _____ Code # _____ Description: _____ Sample Date: _____ Date Needed: _____ Hold Sample For _____ Days Est. Time: _____ Hrs.	Date Rec'd. Sample: _____ Analyst: <u>ME</u> Y <u>72</u> B <u>9</u> P <u>74</u> Date Completed: <u>9-4-72</u> Hrs. Spent: <u>12</u>				
Sample Description	NOTE THIS IS ☐ FC-98	FC-208	FC-220	FC-230	FC-42
Total Hardness, mg/l as CaCO ₃					
Calcium Hardness, mg/l as CaCO ₃					
"P" Alkalinity, mg/l as CaCO ₃					
"M" Alkalinity, mg/l as CaCO ₃					
pH					
Sulfate, mg/l as SO ₄					
Nitrate, mg/l as NO ₃					
Chloride, mg/l as Cl					
Silica, mg/l as SiO ₂					
Fluoride, mg/l as F					
Ortho Phosphate, mg/l as P					
Total Phosphate, mg/l as P					
Total Chromium, mg/l as Cr					
Hex. Chromium, mg/l as Cr					
Total Cyanide, mg/l as CN					
Ferrocyanide, mg/l as CN					
Iron, mg/l as Fe					
Manganese, mg/l as Mn					
Surfactant, mg/l as LAS					
Phenol, mg/l					
BOD, mg/l					
COD, mg/l (Short, Long, Dilute)					
Total Suspended Solids, mg/l	<u>BOD - 5</u>	<u>32,000</u>	<u>448,000</u>	<u>512,000</u>	<u>368,000</u>
Volatile Suspended Solids, mg/l	<u>BOD - 16</u>	<u>NO</u>	<u>90,000</u>	<u>15,000</u>	<u>60,000</u>
Turbidity, mg/l Silica	<u>BOD - 21</u>	<u>BOD</u>	<u>97,500</u>	<u>120,000</u>	<u>105,000</u>
Total Solids, mg/l	<u>BOD 26</u>		<u>112,500</u>	<u>120,000</u>	<u>105,000</u>
Total Volatile Solids, mg/l					
Conductivity, mhos					
Total Bacteria, No./100 ml					
Total Coliform, No./100 ml					
Fecal Coliform, No./100 ml					
Fecal Streptococcus, No./100 ml					
Ammonia Nitrogen, mg/l as N					
Kjeldahl Nitrogen, mg/l as N					
Oil and Grease, mg/l					

Comments: _____