

LAB DATA MANAGEMENT SYSTEM - REGION 11
COMPLETED PROJECT APPROVAL

REPORT DATE 92/10/19

PROJECT NUMBER

PROJECT DATE

PROJECT NAME

363

92/07/30

TUTU WELL FIELDS

APPROVED Barbara A. Sinazzo 10/22/92

TUT 004 1996

112

COMPLETED ANALYSIS REPORT

REPORT DATE: 92/10/19

PROJECT NO: 363

PROJECT NAME: TUTU WELL FIELDS

EXPLANATIONS OF REMARK CODES

REMARK CODE	EXPLANATION
B	RESULTS BASED UPON COLONY COUNTS OUTSIDE ACCEPTABLE RANGE
J	ESTIMATED VALUE
K	ACTUAL VALUE KNOWN TO BE LESS THAN VALUE GIVEN
L	ACTUAL VALUE KNOWN TO BE GREATER THAN VALUE GIVEN
N	NO OBSERVABLE EFFECT CONCENTRATION < 0.3%
O	SAMPLED BUT NOT ANALYZED DUE TO LAB ACCIDENT
T	REPORTED VALUE LESS THAN CRITERIA OF DETECTION
U	REPORTING LIMIT

QA/QC REMARK CODES

CODE	EXPLANATION
QD	ACCURACY CHECK SAMPLE ABOVE UPPER ACCEPTANCE LIMIT
QE	ACCURACY CHECK SAMPLE BELOW LOWER ACCEPTANCE LIMIT
QF	PRECISION OF CALIBRATION CURVE LESS THAN ACCEPTANCE CRITERIA
QJ	ESTIMATED DETECTION LIMIT DUE TO INTERFERENCE
QG	CONTINUING CALIBRATION CHECK DOES NOT MEET ACCEPTANCE CRITERIA
QS	SPIKE RECOVERIES ABOVE UPPER ACCEPTANCE LIMIT
QR	SPIKE RECOVERIES BELOW LOWER ACCEPTANCE LIMIT
QP	SAMPLE REPLICATE PRECISION DOES NOT MEET ACCEPTANCE CRITERIA
QH	RECOMMENDED HOLDING TIMES EXCEEDED
QT	TENTATIVELY IDENTIFIED COMPOUND
QM	PRESENCE OF MATERIAL VERIFIED BUT NOT QUANTIFIED
QB	BLANK CONTAMINATED BY ANALYTE IN EXCESS OF ACCEPTANCE CRITERIA
QQ	SAMPLE IMPROPERLY PRESERVED

LOCATION CODES FOR IDENTIFICATION OF SAMPLING POINTS AT INDUSTRIAL /
SANITARY FACILITIES, LANDFILLS, HAZARDOUS WASTE SITES.

CODE NUMBERS	SAMPLING POINTS
1001 - 1050	EFFLUENT PIPE NUMBER 001 TO 050
1051 - 1099	OTHER EFFLUENTS SUCH AS COOLING TOWER DISCHARGE, DISCHARGE FROM HOLDING PONDS, ETC...
1100 - 1249	IN PLANT SAMPLES
1435 - 1454	SEPARATE INFLUENT POINTS/WATER SOURCES
15xx	INFLUENT ASSOCIATED WITH EFFLUENT 10xx
2000	BLANK FOR VOLATILE ORGANICS
3000 - 3099	GROUND WATER FROM WELL 01 TO 99
3100 - 3199	SEDIMENT SAMPLE (WATER BOTTOM)
3200 - 3299	SOIL SAMPLE
3300 - 3399	STREAM WATER SAMPLE
3400 - 3499	LAGOON SAMPLE
3500 - 3599	STORAGE TANK SAMPLE
3600 - 3699	LEACHATE SAMPLE
3700 - 3799	OTHER TYPE SAMPLE

TUT 004 1997

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PROJECT NAME: TUTU WELL FIELDS

STATION NO DATE FROM TO TIME OF DAY
 ONE 92/07/30 0925
 EPTH: 0000 SUBSTRATE: SEDIMENT
 ESCRIPTION: LOCATION: B6 (SOIL)

LABNO PARNO PARAMETER NAME

UNITS CHEMISTRY VALUE & REMARK QA/QC REMARK

LABNO	PARNO	PARAMETER NAME	UNITS	CHEMISTRY	VALUE & REMARK	QA/QC REMARK
105426	00721	CYANIDE	MG/KG	TOTAL	10 U	
	01078	SILVER	MG/KG		1.2 U	
	01108	ALUMINUM	MG/KG		40100	
	01003	ARSENIC	MG/KG		0.57 U	QR
	01008	BARIUM	MG/KG		40	
	01013	BERYLLIUM	MG/KG		0.6 U	
	00917	CALCIUM	MG/KG		6590	
	01028	CADMIUM	MG/KG		5.4	
	01038	COBALT	MG/KG		35	
	01029	CHROMIUM	MG/KG		37	
	01043	COPPER	MG/KG		70	
	01170	IRON	MG/KG		50100	
	71921	MERCURY	MG/KG		0.2 U	
	00938	POTASSIUM	MG/KG		778	
	00924	MAGNESIUM	MG/KG		23100	
	01053	MANGANESE	MG/KG		1050	
	00934	SODIUM	MG/KG		579 U	
	01068	NICKEL	MG/KG		20	
	01052	LEAD	MG/KG		7.2 J	QS
	01098	ANTIMONY	MG/KG		19	
	01148	SELENIUM	MG/KG		0.57 U	QR
	34480	THALLIUM	MG/KG		0.57 U	
	01088	VANADIUM	MG/KG		131	
	01093	ZINC	MG/KG		59	

ONE 92/07/30 1300
 EPTH: 0000 SUBSTRATE: SEDIMENT
 ESCRIPTION: LOCATION: B6 (SOIL)

LABNO	PARNO	PARAMETER NAME	UNITS	CHEMISTRY	VALUE & REMARK	QA/QC REMARK
105427	00721	CYANIDE	MG/KG	TOTAL	10 U	
	01078	SILVER	MG/KG		1.1 U	
	01108	ALUMINUM	MG/KG		29800	
	01003	ARSENIC	MG/KG		0.65	
	01008	BARIUM	MG/KG		53	
	01013	BERYLLIUM	MG/KG		0.6 U	
	00917	CALCIUM	MG/KG		43300	
	01028	CADMIUM	MG/KG		5.2	
	01038	COBALT	MG/KG		29	
	01029	CHROMIUM	MG/KG		33	
	01043	COPPER	MG/KG		100	
	01170	IRON	MG/KG		43200	

TUT 004 1998

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STATION NO	DATE FROM TO	TIME OF DAY
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LABNO	PARNO	PARAMETER NAME
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UNITS	CHEMISTRY	VALUE & REMARK	QA/QC REMARK
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105427	71921	MERCURY	MG/KG	0.2 U	
	00938	POTASSIUM	MG/KG	572 U	
	00924	MAGNESIUM	MG/KG	17700	
	01053	MANGANESE	MG/KG	849	
	00934	SODIUM	MG/KG	572 U	
	01068	NICKEL	MG/KG	19	
	01052	LEAD	MG/KG	11.2 J	
	01098	ANTIMONY	MG/KG	16	
	01148	SELENIUM	MG/KG	0.57 U	
	34480	THALLIUM	MG/KG	0.57 U	
	01088	VANADIUM	MG/KG	115	
	01093	ZINC	MG/KG	59	

ONE 92/07/29 0830
 EPTH: 0000 SUBSTRATE: AQUEOUS
 ESCRIPTION: LOCATION: FB072992 (RINSATE)

105429	00720	CYANIDE	UG/L	TOTAL	10 U
	01077	SILVER	UG/L		10 U
	01105	ALUMINUM	UG/L		200 U
	01002	ARSENIC	UG/L		5.0 U
	01007	BARIUM	UG/L		200 U
	01012	BERYLLIUM	UG/L		5 U
	00916	CALCIUM	MG/L		5 U
	01027	CADMIUM	UG/L		5 U
	01037	COBALT	UG/L		50 U
	01034	CHROMIUM	UG/L		10 U
	01042	COPPER	UG/L		25 U
	01045	IRON	UG/L		100 U
	71900	MERCURY	UG/L		0.3 U
	00937	POTASSIUM	MG/L		5 U
	00927	MAGNESIUM	MG/L		5 U
	01055	MANGANESE	UG/L		15 U
	00929	SODIUM	MG/L		5 U
	01067	NICKEL	UG/L		40 U
	01051	LEAD	UG/L		3.0 U
	01097	ANTIMONY	UG/L		60 U
	01147	SELENIUM	UG/L		5.0 U
	01059	THALLIUM	UG/L		5.0 U
	01087	VANADIUM	UG/L		50 U
	01092	ZINC	UG/L		20 U

***** END OF PROJECT *****

TUT 004 1999