

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

B19915

TO: Mr. Donald Elliott	FROM: Florida Pwr. & Light Co. Miami, Fla. W. S. Tucker	DATE OF DOCUMENT 7/14/77
<input checked="" type="checkbox"/> LETTER ORIGINAL <input type="checkbox"/> NOTORIZED UNCLASSIFIED <input type="checkbox"/> COPY		DATE RECEIVED 7/18/77
PROP	INPUT FORM	NUMBER OF COPIES RECEIVED 1 signed

DO NOT REMOVE

ACKNOWLEDGED

PLANT NAME:
Turkey Point Units 3 & 4
RJL 7/18/77

(1-P)

ENCLOSURE

Consists of the Groundwater Monitoring Data Report No. 61 for the July 1977 monitoring period for the E-series wells...with attached supplement to the April 1977 transmissivity test....

(5-P)

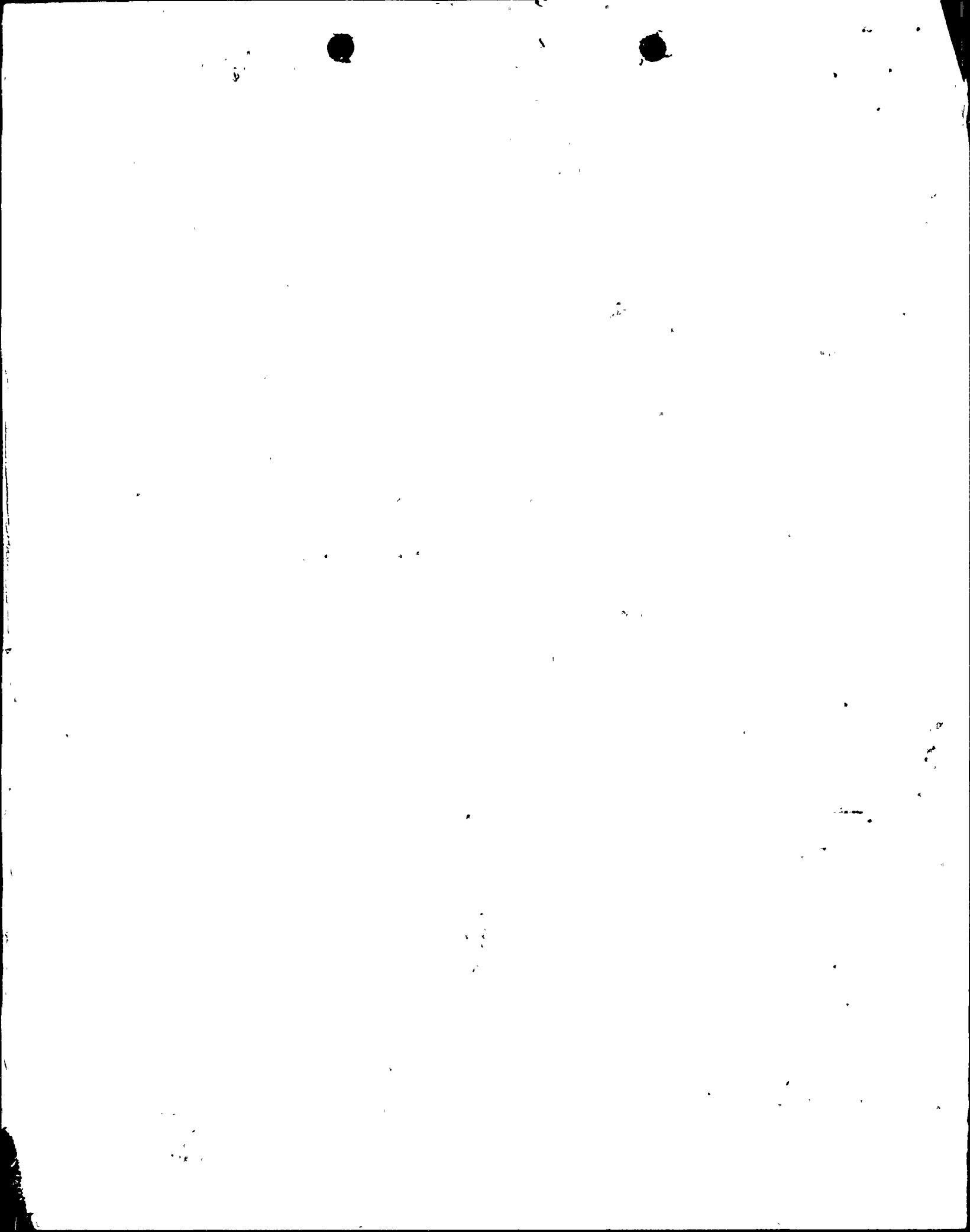
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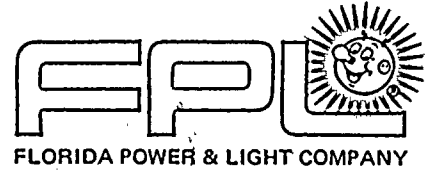
SAFETY	FOR ACTION/INFORMATION	ENVIRONMENTAL
ASSIGNED AD:		ASSIGNED AD: V. MOORE (LTR)
BRANCH CHIEF:		BRANCH CHIEF:
PROJECT MANAGER:	(6) LEAR Elliott	PROJECT MANAGER:
LICENSING ASSESTANT:	PARRISH	LICENSING ASSISTANT:
		B. HARLESS

INTERNAL DISTRIBUTION			
REG FILES	SYSTEMS SAFETY	PLANT SYSTEMS	SITE SAFETY & ENVIRON ANALYSIS
NRG PDR	HEINEMAN	TEDESCO	DENTON & MULLER
T & E (2)	SCHROEDER	BENAROYA	CRITCHFIELD
OELD		LAINAS	
GOSSICK & STAFF	ENGINEERING	IPPOLITO	
HANAUER	KNIGHT	F. ROSA	ENVIRO TECH. ERNST
MIPC	BOSNAK		
CASE	SIHWELL	OPERATING REACTORS	BALLARD
ROYD	PAWLICKI	STELLO	YOUNGBLOOD
		EISENHUT	
PROJECT MANAGEMENT	REACTOR SAFETY	SHAO	
SKOVHOLT	ROSS	BAER	SITE TECH. GAMMILL (2)
P. COLLINS	NOVAK	BUTLER	
HOUSTON	ROSZTGCZY	GRIMES	
MELTZ	CHECK		SITE ANALYSIS VOLLMER
HEITEMES			BUNCH
SK	AT&I		J. COLLINS
	SALTZMAN		KREGER
	RUTBERG		

EXTERNAL DISTRIBUTION	CONTROL NUMBER
LPDR: Miami, FLA	
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NAT LAB	
REG IV (J. HANCHETT)	
16 CYS ACRS SENT CATEGORY B	

771990233





July 14, 1977

Regulatory

FPL CY



Mr. Donald Elliot
Operating Reactors
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Elliot:

Re: Groundwater Monitoring Program, Turkey Point
Docket No. 50-250/251, Control No. 8728

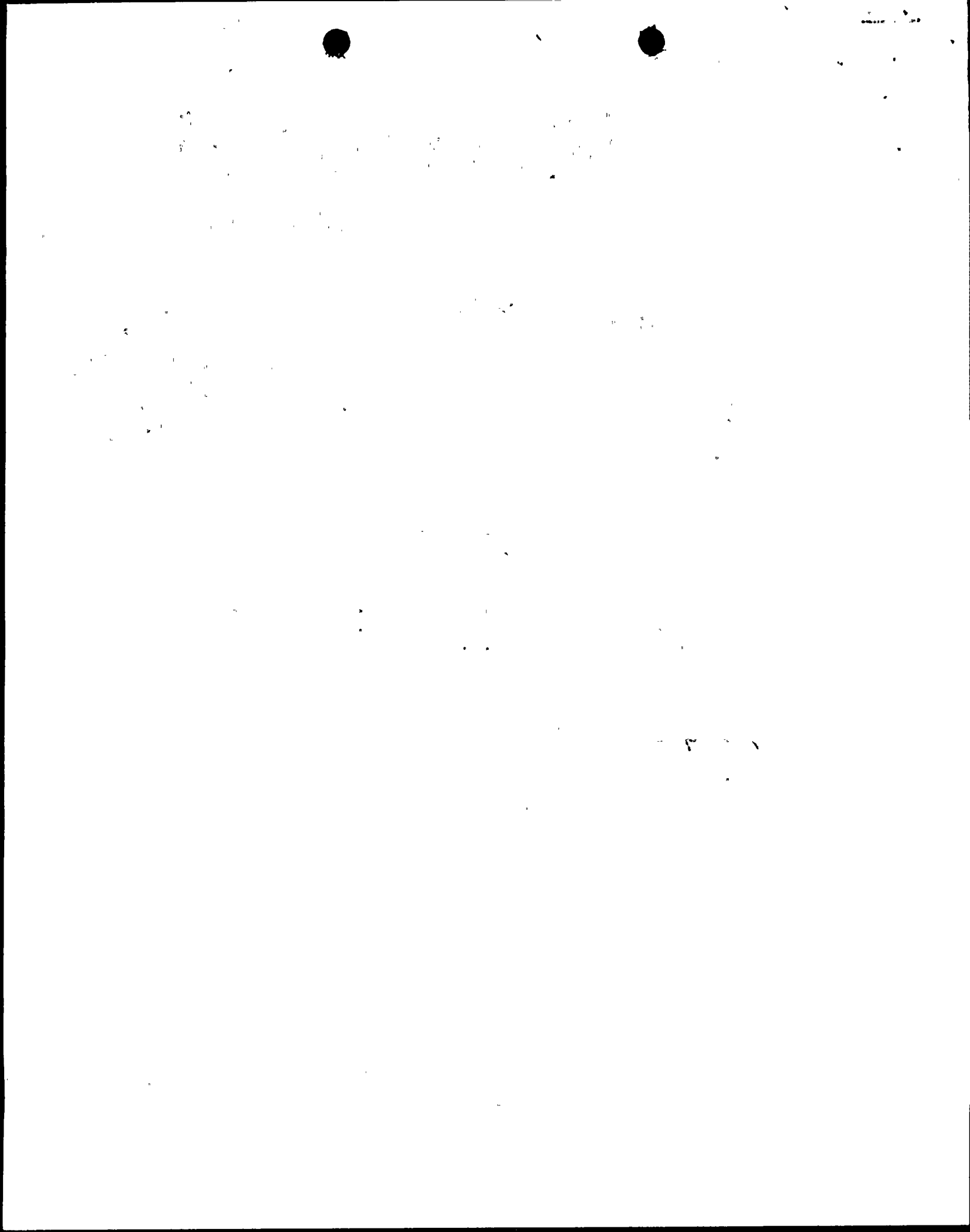
Enclosed please find the Groundwater Monitoring Data Report No. 61 for the July 1977 monitoring period for the E-series wells. Also enclosed is a supplement to the April 1977 transmissivity test.

Sincerely,

W. S. Tucker
W. S. Tucker, Manager
Environmental Affairs

Enc.

771990233



GROUNDWATER MONITORING DATA
FOR
TURKEY POINT - EPA WELLS (E-SERIES)

WELL NO.	DATE	TIME	SURFACE REFERENCE ELEVATION (FT.,MSL)	WATER LEVEL		SURFACE WATER		FIELD MEASUREMENT					NOTES		
				DEPTH BELOW REF.,(FT.)	ELEV. (FT.,MSL)	DEPTH BELOW REF.,(FT.)	ELEV. (FT.,MSL)	MEASURED AT		CONDUCTIVITY (MICROSIOS PER CM)	TEMP. °C	RESIDUAL CHLORINE PPM		WATER SAMPLE	
								DEPTH BELOW REF.,(FT.)	ELEV. (FT.,MSL)						
E-1	6/27	1510	3.44	4.52	2.08	NSW		20	-16.56	49000	25.3	0.0	✓		
								40	-36.56	51000	24.7				
								60	-56.56	51000	24.7				
E-2	6/27	1520	2.33	2.27	0.06	NSW		20	-17.67	50000	24.9	0.0	✓		
								40	-37.67	51000	24.6				
								60	-57.67	51000	24.6				
E-3	6/27	1530	4.89	5.21	-0.32	NSW		20	-15.11	25500	27.1	0.0	✓		
								40	-35.11	53500	28.1				
								60	-55.11	53500	28.3				
E-4	6/27	1540	2.41	3.36	-0.95	NSW		20	-17.59	37000	25.5	0.0	✓		
								40	-37.59	51500	25.0				
								60	-57.59	54000	25.0				
E-5	6/28	1340	7.37	6.185	0.52	NSW		20	-12.63	57000	37.2	0.0	✓		
								40	-32.63	58500	38.4				
								60	-52.63	59000	32.9				
E-6	6/28	1350	6.52	6.05	0.47	NSW		20	-13.48	57000	30.3	0.0	✓		
								40	-33.48						
								60	-53.48						

Blocked



101

GROUNDWATER MONITORING DATA
FOR
TURKEY POINT - EPA WELLS (E-SERIES)

WELL NO.	DATE	TIME	SURFACE REFERENCE ELEVATION (FT.,MSL)	WATER LEVEL		SURFACE WATER		FIELD MEASUREMENT					NOTES		
				DEPTH BELOW REF.,(FT.)	ELEV. (FT.,MSL)	DEPTH BELOW REF.(FT.)	ELEV. (FT.,MSL)	MEASURED AT		CONDUCTIV- ITY (MICROMHOS PER CM)	TEMP. ° C	RESIDUAL CHLORINE		WATER SAMPLE	
								DEPTH BELOW REF.(FT.)	ELEV. (FT.,MSL)						
E-7	6/28	0905	2.04	1.61	0.43	1.04	1.00	20	-17.96	55500	28.5	0.0	✓		
								40	-37.96						BLOCKED
								60	-57.96						
E-8	6/28	0915	4.23	3.69	0.54	NSW		20	-15.77	52000	24.3	0.0	✓		
								40	-35.77	56000	25.0				
								60	-55.77	56500	25.2				
E-9	6/28	0920	4.20	3.43	0.77	3.31	0.89	20	-15.80	53000	25.6	0.0	✓		
								40	-35.80	53500	24.8				
								60	-55.80	57000	24.5				
E-10	6/28	0930	4.19	3.45	0.74	2.83	1.36	20	-15.81	53500	24.5	0.0	✓		
								40	-35.81	55000	25.0				
								60	-55.81	55000	25.1				
E-11	6/28	0940	4.23	3.45	0.78	NSW		20	-15.77	54000	25.2	0.0	✓		
								40	-35.77	54500	25.0				
								60	55.77	54500	25.0				
E-12	6/28	0945	3.56	2.99	0.57	2.56	1.00	20	-16.44	53500	24.7	0.0	✓		
								40	-36.44	55500	25.0				
								60	-56.44	55500	25.2				

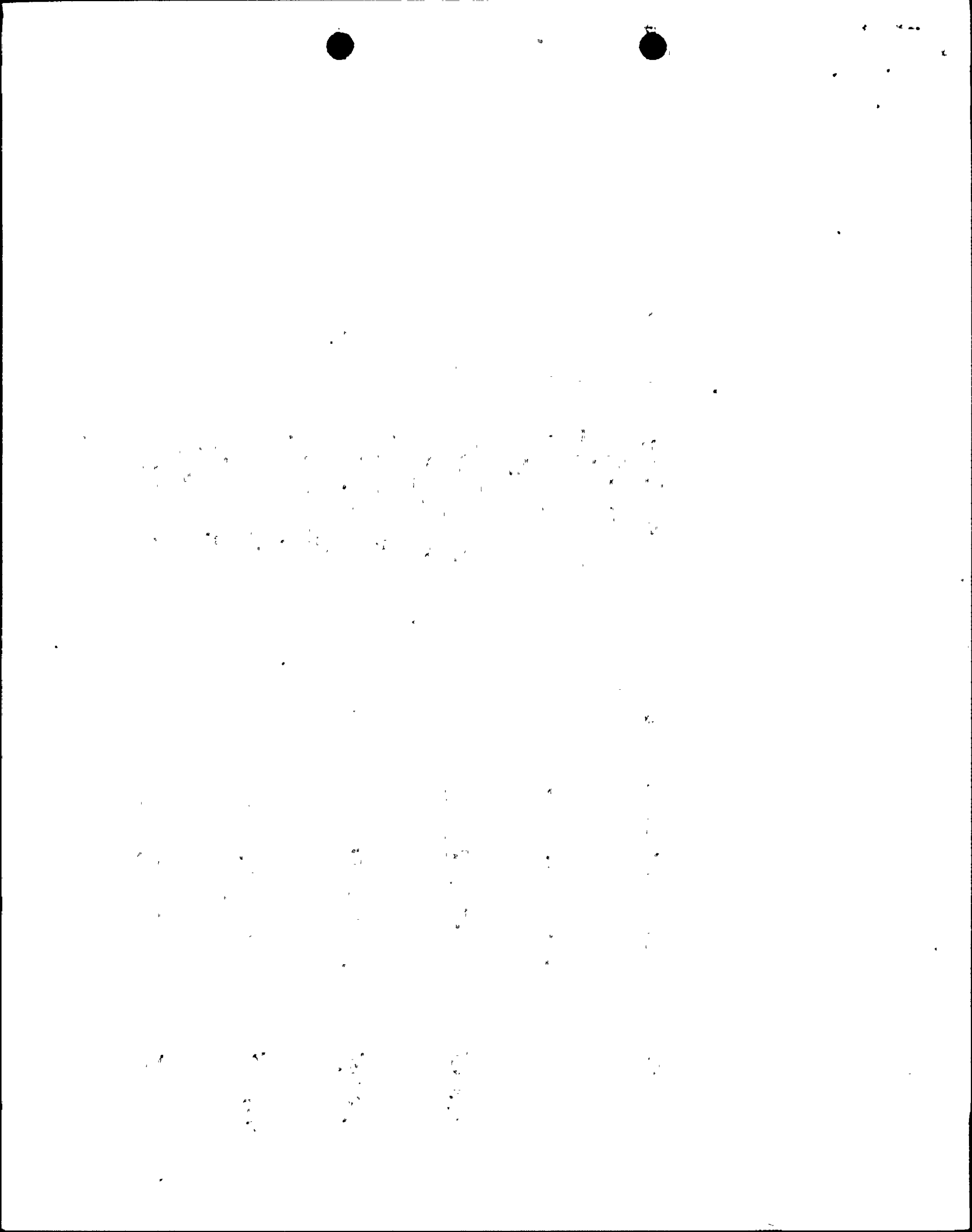


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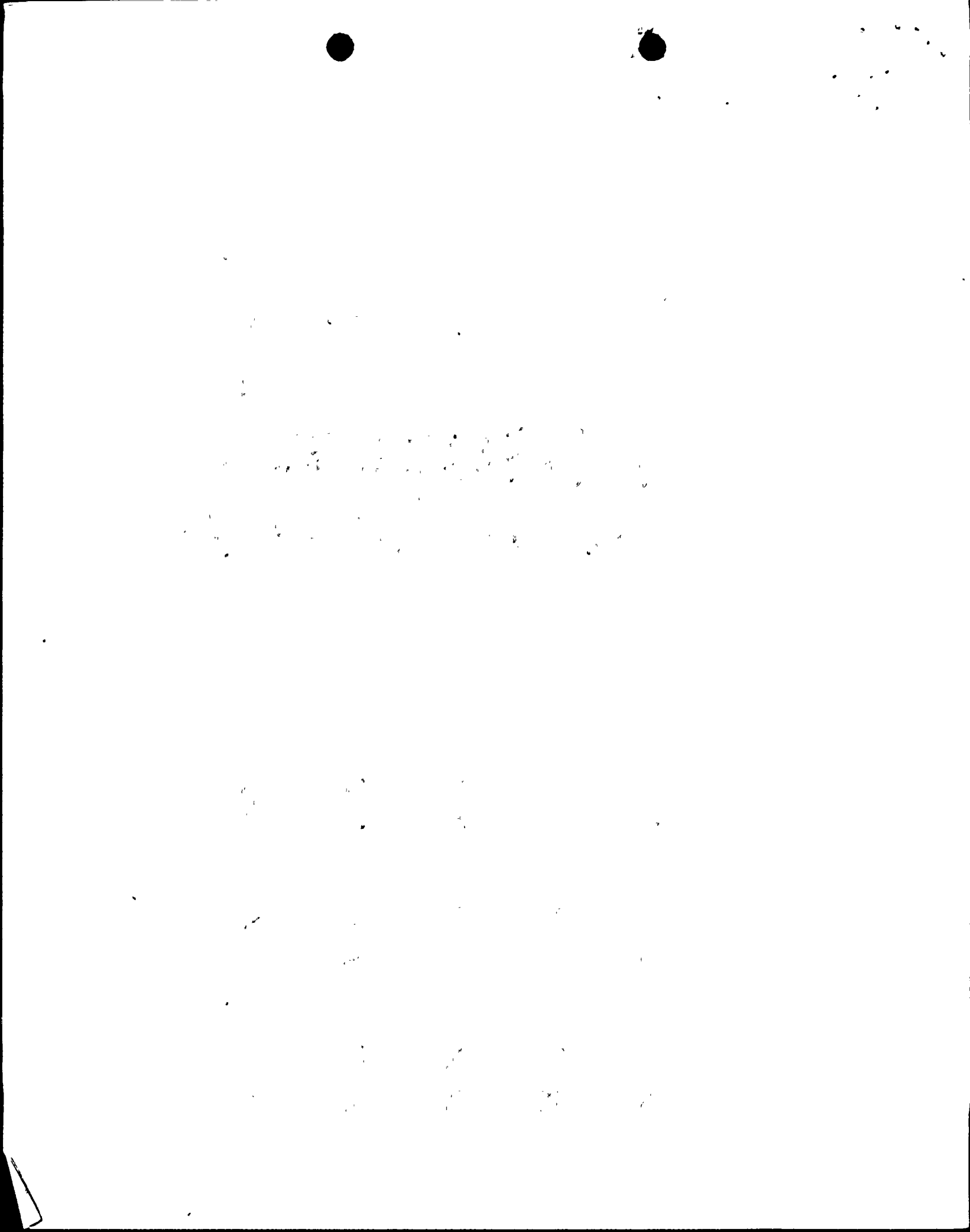
GROUNDWATER MONITORING DATA
FOR
TURKEY POINT - EPA WELLS (E-SERIES)

WELL NO.	DATE	TIME	SURFACE REFERENCE ELEVATION (FT.,MSL)	WATER LEVEL		SURFACE WATER		FIELD MEASUREMENT					NOTES	
				DEPTH BELOW REF.,(FT.)	ELEV. (FT.,MSL)	DEPTH BELOW REF.,(FT.)	ELEV. (FT.,MSL)	MEASURED AT		CONDUCTIVITY (MICROMHOS PER CM)	TEMP. °C	RESIDUAL CHLORINE PPM		WATER SAMPLE
								DEPTH BELOW REF.,(FT.)	ELEV. (FT.,MSL)					
E-13	6/28	0945	3.96	3.22	0.74	2.92	0.30	20	-16.04	52500	25.4	0.0	✓	
								40	-36.04	54500	25.0			
								60	-56.04	55000	25.2			
E-14	6/28	0955	3.47	3.10	0.37	NSW		20	-16.53	53500	25.4	0.0	✓	
								40	-36.53	54000	25.3			
								60	-56.53	54000	25.3			
E-15	6/28	1005	3.63	3.25	0.38	NSW		20	-16.37	53000	25.0	0.0	✓	
								40	-36.37	53500	25.2			
								60	-56.37	54000	25.3			
E-16	6/28	1015	4.83	4.29	0.54	NSW		20	-15.17	51000	25.3	0.0	✓	
								40	-35.17	54000	25.5			
								60	-55.17	54000	25.5			
E-17	6/28	1025	2.31	1.70	0.61	NSW		20	-17.69	53500	25.3	0.0	✓	
								40	-37.69	54000	25.4			
								60	-57.69	55000	25.4			
E-18	6/28	1035	3.23	2.65	0.58	NSW		20	-16.77	52000	25.0	0.0	✓	
								40	-36.77	55000	25.5			
								60	-56.77	56000	25.5			



GROUNDWATER MONITORING DATA
FOR
TURKEY POINT - EPA WELLS (E-SERIES)

WELL NO.	DATE	TIME	SURFACE REFERENCE ELEVATION (FT.,MSL)	WATER LEVEL		SURFACE WATER		FIELD MEASUREMENT					NOTES	
				DEPTH BELOW REF.,(FT.)	ELEV. (FT.,MSL)	DEPTH BELOW REF.(FT.)	ELEV. (FT.,MSL)	MEASURED AT		CONDUCTIVITY (MICROMHOS PER CM)	TEMP. °C	RESIDUAL CHLORINE PPM		WATER SAMPLE
								DEPTH BELOW REF.(FT.)	ELEV. (FT.,MSL)					
E-19	6/28	1120	3.61	2.76		NSW		20	-16.39	48000	24.7	0.0	✓	
								40	-36.39	58000	25.0			
								60	-56.39	58000	25.2			
E-20	6/28	1115	4.04	3.28		NSW		20	-15.96	47000	24.1	0.0	✓	
								40	-35.96	52500	24.4			
								60	-55.96	58000	24.6			
E-21	6/28	1045	3.24	2.52		NSW		20	-16.76	49500	24.6	0.0	✓	
								40	-36.76	55500	24.9			
								60	-56.76	57000	24.9			
E-22	6/28	1055	2.41	1.70		NSW		20	-17.59	58500	25.3	0.0	✓	
								40	-37.59	59000	24.9			
								60	-57.59	59000	24.9			
E-23	6/28	1105	4.29	3.92		386		20	-15.71	56000	25.0	0.0	✓	
								40	-35.71	58500	25.3			
								60	-55.71	59000	25.3			



SI 0 00 01 00

SUPPLEMENT TO THE APRIL 1977
TRANSMISSIVITY TEST

Well # ----- E9
Date ----- 5/25/77
PSI ----- 11
Draw Down----- 1.52
GPM ----- 180

NOTE: The well was blocked during
the date for April testing.

RECEIVED DOCUMENT
PROCESSING UNIT

1977 JUL 18 AM 9 17