2.04- 1/17/1985-

N00174.AR.000022
NSWC INDIAN HEAD
5090.3a

JTC DATA REPORT 85-020

Case # 25

Contract No. N62477-84-B-0266

Prepared for:

CHESDIV, Naval Facilities Engineering Command

Washington Navy Yard

Washington, D.C.

Prepared by:

JTC Environmental Consultants, Inc.

4 Research Place, Suite L-10

Rockville, Maryland 20850

CHESDIVNAVFACENGCOM Contract No. N62477-84-B-0266

JTC Project No. CNF-9

Navy Sample No. 251

JTC Lab No. 09-0101

LABORATORY MULTIPLE PARAMETER WATER QUALITY ANALYSIS RECORD

NAVY ENVIRONMENTAL PROTECTION SUPPORT SERVICE
1140-NEPSS-3900/8 (REV. 1-81)

UIC N10,0,1,7,4

*TYPE SAMPLE

C - CONTINOUS SAMPLE
F - FLOW PROPORTION COMP
G - GRAB
I - INDIVIDUAL COMP
S - SEQUENTIAL COMP

ACTIVITY NAME: Naval Ordnance Station- Indian Head, MD

LABORATORY NAME: JTC Environmental Consultants, Inc.

SAMPLE IDENTIFICATION

SAMPLE COLLECTION DATE			SAMPLE COLLECTION TIME	SAMPLE STATION NUMBER
MONTH	DAY	YEAR	0-2400	
J,A,N	0,8	8,5	1,0,0,0	2,5,1,-

	PARAMETER DESCRIPTION*	UNITS	DATA ELEMENT NUMBER	TYPE*	VALUE	PARAMETER DESCRIPTION	UNITS	DATA ELEMENT NUMBER	TYPE*	VALUE
SOLIDS	TOTAL SUSPENDED SOLIDS (NON FILTERABLE RESIDUE)	MG/L	00530			ALUMINUM, TOTAL	MG/L	01105		
	TOTAL SOLIDS (TOTAL RESIDUE 103-105°)	MG/L	00500			ARSENIC, TOTAL	MG/L	01002		
	SETTLEABLE SOLIDS (SETTLEABLE RESIDUE)	ML/L/HR	00545	G		CADMIUM, TOTAL	MG/L	01027		
	TOTAL DISSOLVED SOLIDS (FILTERABLE RESIDUE)	MG/L	70300			CHROMIUM, TOTAL	MG/L	01034		
NUTRIENTS	N-AMMONIA (AS N)	MG/L	00610			COPPER, TOTAL	MG/L	01042		
	N-NITRATE TOTAL (AS N)	MG/L	00620			IRON, TOTAL	MG/L	01045		
	N-NITRITE TOTAL (AS N)	MG/L	00615			LEAD, TOTAL	MG/L	01051		
	TOTAL N (KJELDAHL)	MG/L	00625			MAGNESIUM, TOTAL	MG/L	00927		
	ORTHOPHOSPHATE (AS PO_4)	MG/L	00660			MANGANESE, TOTAL	MG/L	01055		
	TOTAL PHOSPHORUS (AS P)	MG/L	00678			✓ MERCURY, TOTAL	~~MG/L~~ kg	71900		14
	SULFATE	MG/L	00945			POTASSIUM, TOTAL	MG/L	00937		
NON-CATEGORIZED PARAMETER	PH LABORATORY	PH	00403			SILVER, TOTAL	MG/L	01077		
	CHLORIDE	MG/L	00940			ZINC, TOTAL	MG/L	01092		
	TURBIDITY LAB	JTU/FTU	#0072	G		TOTAL COLIFORM	MFC/100ML	31503	G	
	BOD	MG/L	00310			FECAL COLIFORM	MFC/100ML	31616	G	
	COD	MG/L	00340			TOTAL COLIFORM	MPN/100ML	31506	G	
	TOC	MG/L	00680			FECAL COLIFORM	MPN/100ML	31620	G	
	OIL AND GREASE	MG/L	70350			✓ Mercury, EP Tox	~~mg/L~~ µg/L			101
	PHENOLS	MG/L	32730							
	MBAS	MG/L	38260							
	CYANIDE	MG/L	00720			DURATION OF COMPOSITE	HOURS	#0074		

HEAVY METALS

COLIFORM

Rosemary B. Smith

DATE 1/17/85

CHESDIVNAVFACENGCOM Contract No. N62477-84-B-0266

JTC Project No. CNF-9

Navy Sample No. 252

JTC Lab No. 09-0102

LABORATORY MULTIPLE PARAMETER WATER QUALITY ANALYSIS RECORD

NAVY ENVIRONMENTAL PROTECTION SUPPORT SERVICE
1140-NEESA-3900/8 (REV. 1-81)

UIC N10,0,1,7,4

*TYPE SAMPLE

C - CONTINOUS SAMPLE
F - FLOW PROPORTION COMP
G - GRAB
I - INDIVIDUAL COMP
S - SEQUENTIAL COMP

ACTIVITY NAME: Naval Ordnance Station- Indian Head, MD

LABORATORY NAME: JTC Environmental Consultants, Inc.

SAMPLE IDENTIFICATION

SAMPLE COLLECTION DATE			SAMPLE COLLECTION TIME	SAMPLE STATION NUMBER
MONTH	DAY	YEAR	0-2400	
J,A,N	0,8	8,5	1,0,0,0	2,5,2,-

	PARAMETER DESCRIPTION*	UNITS	DATA ELEMENT NUMBER	TYPE	VALUE	PARAMETER DESCRIPTION	UNITS	DATA ELEMENT NUMBER	TYPE	VALUE
SOLIDS	TOTAL SUSPENDED SOLIDS (NON FILTERABLE RESIDUE)	MG/L	00530			ALUMINUM, TOTAL	MG/L	01105		
SOLIDS	TOTAL SOLIDS (TOTAL RESIDUE 103-105°)	MG/L	00500			ARSENIC, TOTAL	MG/L	01002		
SOLIDS	SETTLEABLE SOLIDS (SETTLEABLE RESIDUE)	ML/L/HR	00545	G		CADMIUM, TOTAL	MG/L	01027		
SOLIDS	TOTAL DISSOLVED SOLIDS (FILTERABLE RESIDUE)	MG/L	70300			CHROMIUM, TOTAL	MG/L	01034		
NUTRIENTS	N-AMMONIA (AS N)	MG/L	00610			COPPER, TOTAL	MG/L	01042		
NUTRIENTS	N-NITRATE TOTAL (AS N)	MG/L	00620			IRON, TOTAL	MG/L	01045		
NUTRIENTS	N-NITRITE TOTAL (AS N)	MG/L	00515			LEAD, TOTAL	MG/L	01051		
NUTRIENTS	TOTAL N (KJELDAHL)	MG/L	00625			MAGNESIUM, TOTAL	MG/L	00927		
NUTRIENTS	ORTHOPHOSPHATE (AS PO_4)	MG/L	00660			MANGANESE, TOTAL	MG/L	01055		
NUTRIENTS	TOTAL PHOSPHORUS (AS P)	MG/L	00678			MERCURY, TOTAL	~~MG/L~~ kg	71900		2.6
NUTRIENTS	SULFATE	MG/L	00945			POTASSIUM, TOTAL	MG/L	00937		
NON-CATEGORIZED PARAMETER	PH LABORATORY	PH	00403			SILVER, TOTAL	MG/L	01077		
NON-CATEGORIZED PARAMETER	CHLORIDE	MG/L	00940			ZINC, TOTAL	MG/L	01092		
NON-CATEGORIZED PARAMETER	TURBIDITY LAB	JTU/FTU	#0072	G		TOTAL COLIFORM	MFC/100ML	31503	G	
NON-CATEGORIZED PARAMETER	BOD	MG/L	00310			FECAL COLIFORM	MFC/100ML	31616	G	
NON-CATEGORIZED PARAMETER	COD	MG/L	00340			TOTAL COLIFORM	MPN/100ML	31506	G	
NON-CATEGORIZED PARAMETER	TOC	MG/L	00680			FECAL COLIFORM	MPN/100ML	31620	G	
NON-CATEGORIZED PARAMETER	OIL AND GREASE	MG/L	70350			Mercury, EP Tox	~~MG/L~~ mg/l			0.78
NON-CATEGORIZED PARAMETER	PHENOLS	MG/L	32730							
NON-CATEGORIZED PARAMETER	MBAS	MG/L	38260							
NON-CATEGORIZED PARAMETER	CYANIDE	MG/L	00720			DURATION OF COMPOSITE	HOURS	#0074		

Regina B Smith

DATE 1/17/85

CHESDIVNAVFACENGCOM Contract No. N62477-84-B-0266

JTC Project No. CNF-9

Navy Sample No. 253

JTC Lab No. 09-0103

LABORATORY MULTIPLE PARAMETER WATER QUALITY ANALYSIS RECORD

NAVY ENVIRONMENTAL PROTECTION SUPPORT SERVICE
(1NO-NFESA-3900/8 (REV. 1-81)

UIC N10017 4

*TYPE SAMPLE

C - CONTINOUS SAMPLE
F - FLOW PROPORTION COMP
G - GRAB
I - INDIVIDUAL COMP
S - SEQUENTIAL COMP

ACTIVITY NAME: Naval Ordnance Station- Indian Head, MD

LABORATORY NAME: JTC Environmental Consultants, Inc.

SAMPLE IDENTIFICATION

SAMPLE COLLECTION DATE (MONTH DAY YEAR)	SAMPLE COLLECTION TIME (0-2400)	SAMPLE STATION NUMBER
JAN 08 85	1000	253-

	PARAMETER DESCRIPTION*	UNITS	DATA ELEMENT NUMBER	TYPE*	VALUE
SOLIDS	TOTAL SUSPENDED SOLIDS (NON FILTERABLE RESIDUE)	MG/L	00530		
	TOTAL SOLIDS (TOTAL RESIDUE 103-105°)	MG/L	00500		
	SETTLEABLE SOLIDS (SETTLEABLE RESIDUE)	ML/L/HR	00545	G	
	TOTAL DISSOLVED SOLIDS (FILTERABLE RESIDUE)	MG/L	70300		
NUTRIENTS	N-AMMONIA (AS N)	MG/L	00610		
	N-NITRATE TOTAL (AS N)	MG/L	00620		
	N-NITRITE TOTAL (AS N)	MG/L	00515		
	TOTAL N (KJELDAHL)	MG/L	00625		
	ORTHOPHOSPHATE (AS PO_4)	MG/L	00660		
	TOTAL PHOSPHORUS (AS P)	MG/L	00678		
	SULFATE	MG/L	00945		
NON-CATEGORIZED PARAMETER	PH LABORATORY	PH	00403		
	CHLORIDE	MG/L	00940		
	TURBIDITY LAB	JTU/FTU	#0072	G	
	BOD	MG/L	00310		
	COD	MG/L	00340		
	TOC	MG/L	00680		
	OIL AND GREASE	MG/L	70350		
	PHENOLS	MG/L	32730		
	MBAS	MG/L	38260		
	CYANIDE	MG/L	00720		

	PARAMETER DESCRIPTION	UNITS	DATA ELEMENT NUMBER	TYPE*	VALUE
HEAVY METALS	ALUMINUM, TOTAL	MG/L	01105		
	ARSENIC, TOTAL	MG/L	01002		
	CADMIUM, TOTAL	MG/L	01027		
	CHROMIUM, TOTAL	MG/L	01034		
	COPPER, TOTAL	MG/L	01042		
	IRON, TOTAL	MG/L	01045		
	LEAD, TOTAL	MG/L	01051		
	MAGNESIUM, TOTAL	MG/L	00927		
	MANGANESE, TOTAL	MG/L	01055		
	MERCURY, TOTAL	~~MG/L~~ Kg	71900		1.5
	POTASSIUM, TOTAL	MG/L	00937		
	SILVER, TOTAL	MG/L	01077		
	ZINC, TOTAL	MG/L	01092		
COLIFORM	TOTAL COLIFORM	MFC/100ML	31503	G	
	FECAL COLIFORM	MFC/100ML	31616	G	
	TOTAL COLIFORM	MPN/100ML	31506	G	
	FECAL COLIFORM	MPN/100ML	31620	G	
	Mercury, EP Tox	~~MG/L~~ µg/L			0.32
	DURATION OF COMPOSITE	HOURS	#0074		

Regina B Smith

1/17/85

CHESDIVNAVFACENGCOM Contract No. N62477-84-B-0266

JTC Project No. CNF-9

Navy Sample No. 254

JTC Lab No. 09-0104

LABORATORY MULTIPLE PARAMETER WATER QUALITY ANALYSIS RECORD

NAVY ENVIRONMENTAL PROTECTION SUPPORT SERVICE
(1NO-NFESA-3900/8 (REV. 1-81)

UIC N10,0,1,7,4

*TYPE SAMPLE

C - CONTINOUS SAMPLE
F - FLOW PROPORTION COMP
G - GRAB
I - INDIVIDUAL COMP
S - SEQUENTIAL COMP

ACTIVITY NAME: Naval Ordnance Station- Indian Head, MD

LABORATORY NAME: JTC Environmental Consultants, Inc.

SAMPLE IDENTIFICATION				
SAMPLE COLLECTION DATE			SAMPLE COLLECTION TIME	SAMPLE STATION NUMBER
MONTH	DAY	YEAR	0-2400	
J,A,N	0,8	8,5	1,0,0,0	2,5,4,-

	PARAMETER DESCRIPTION*	UNITS	DATA ELEMENT NUMBER	TYPE	VALUE
SOLIDS	TOTAL SUSPENDED SOLIDS (NON FILTERABLE RESIDUE)	MG/L	00530		
SOLIDS	TOTAL SOLIDS (TOTAL RESIDUE 103-105°)	MG/L	00500		
SOLIDS	SETTLEABLE SOLIDS (SETTLEABLE RESIDUE)	ML/L/HR	00545	G	
SOLIDS	TOTAL DISSOLVED SOLIDS (FILTERABLE RESIDUE)	MG/L	70300		
NUTRIENTS	N-AMMONIA (AS N)	MG/L	00610		
NUTRIENTS	N-NITRATE TOTAL (AS N)	MG/L	00620		
NUTRIENTS	N-NITRITE TOTAL (AS N)	MG/L	00615		
NUTRIENTS	TOTAL N (KJELDAHL)	MG/L	00625		
NUTRIENTS	ORTHOPHOSPHATE (AS PO_4)	MG/L	00660		
NUTRIENTS	TOTAL PHOSPHORUS (AS P)	MG/L	00678		
NUTRIENTS	SULFATE	MG/L	00945		
NON-CATEGORIZED PARAMETER	PH LABORATORY	PH	00403		
NON-CATEGORIZED PARAMETER	CHLORIDE	MG/L	00940		
NON-CATEGORIZED PARAMETER	TURBIDITY LAB	JTU/FTU	W0072	G	
NON-CATEGORIZED PARAMETER	BOD	MG/L	00310		
NON-CATEGORIZED PARAMETER	COD	MG/L	00340		
NON-CATEGORIZED PARAMETER	TOC	MG/L	00680		
NON-CATEGORIZED PARAMETER	OIL AND GREASE	MG/L	70350		
NON-CATEGORIZED PARAMETER	PHENOLS	MG/L	32730		
NON-CATEGORIZED PARAMETER	MBAS	MG/L	38260		
NON-CATEGORIZED PARAMETER	CYANIDE	MG/L	00720		

	PARAMETER DESCRIPTION	UNITS	DATA ELEMENT NUMBER	TYPE	VALUE
HEAVY METALS	ALUMINUM, TOTAL	MG/L	01105		
HEAVY METALS	ARSENIC, TOTAL	MG/L	01002		
HEAVY METALS	CADMIUM, TOTAL	MG/L	01027		
HEAVY METALS	CHROMIUM, TOTAL	MG/L	01034		
HEAVY METALS	COPPER, TOTAL	MG/L	01042		
HEAVY METALS	IRON, TOTAL	MG/L	01045		
HEAVY METALS	LEAD, TOTAL	MG/L	01051		
HEAVY METALS	MAGNESIUM, TOTAL	MG/L	00927		
HEAVY METALS	MANGANESE, TOTAL	MG/L	01055		
HEAVY METALS	MERCURY, TOTAL	~~MG/L~~ ug	71900		6.8
HEAVY METALS	POTASSIUM, TOTAL	MG/L	00937		
HEAVY METALS	SILVER, TOTAL	MG/L	01077		
HEAVY METALS	ZINC, TOTAL	MG/L	01092		
COLIFORM	TOTAL COLIFORM	MFC/100ML	31503	G	
COLIFORM	FECAL COLIFORM	MFC/100ML	31616	G	
COLIFORM	TOTAL COLIFORM	MPN/100ML	31506	G	
COLIFORM	FECAL COLIFORM	MPN/100ML	31620	G	
	Mercury, EP Tox	~~mg/L~~ ug/L			<0.2
	DURATION OF COMPOSITE	HOURS	W0074		

Reviewed by: Rosemary D. Smith

Date: 1/17/85

CHESDIVNAVFACENGCOM Contract No. N62477-84-B-0266

JTC Project No. CNF-9

Navy Sample No. 255

JTC Lab No. 09-0105

LABORATORY MULTIPLE PARAMETER WATER QUALITY ANALYSIS RECORD

NAVY ENVIRONMENTAL PROTECTION SUPPORT SERVICE
(INO-NFESA-3900/8 (REV. 1-81)

UIC N00174

*TYPE SAMPLE

C - CONTINOUS SAMPLE
F - FLOW PROPORTION COMP
G - GRAB
I - INDIVIDUAL COMP
S - SEQUENTIAL COMP

ACTIVITY NAME: Naval Ordnance Station- Indian Head, MD

LABORATORY NAME: JTC Environmental Consultants, Inc.

SAMPLE IDENTIFICATION

SAMPLE COLLECTION DATE (MONTH DAY YEAR)	SAMPLE COLLECTION TIME (0-2400)	SAMPLE STATION NUMBER
JAN 08 85	1000	255-

	PARAMETER DESCRIPTION*	UNITS	DATA ELEMENT NUMBER	TYPE*	VALUE	PARAMETER DESCRIPTION	UNITS	DATA ELEMENT NUMBER	TYPE*	VALUE
SOLIDS	TOTAL SUSPENDED SOLIDS (NON FILTERABLE RESIDUE)	MG/L	00530			ALUMINUM, TOTAL	MG/L	01105		
SOLIDS	TOTAL SOLIDS (TOTAL RESIDUE 103-105°)	MG/L	00500			ARSENIC, TOTAL	MG/L	01002		
SOLIDS	SETTLEABLE SOLIDS (SETTLEABLE RESIDUE)	ML/L/HR	00545	G		CADMIUM, TOTAL	MG/L	01027		
SOLIDS	TOTAL DISSOLVED SOLIDS (FILTERABLE RESIDUE)	MG/L	70300			CHROMIUM, TOTAL	MG/L	01034		
NUTRIENTS	N-AMMONIA (AS N)	MG/L	00610			COPPER, TOTAL	MG/L	01042		
NUTRIENTS	N-NITRATE TOTAL (AS N)	MG/L	00620			IRON, TOTAL	MG/L	01045		
NUTRIENTS	N-NITRITE TOTAL (AS N)	MG/L	00615			LEAD, TOTAL	MG/L	01051		
NUTRIENTS	TOTAL N (KJELDAHL)	MG/L	00625			MAGNESIUM, TOTAL	MG/L	00927		
NUTRIENTS	ORTHOPHOSPHATE (AS PO_4)	MG/L	00660			MANGANESE, TOTAL	MG/L	01055		
NUTRIENTS	TOTAL PHOSPHORUS (AS P)	MG/L	00678			✓ MERCURY, TOTAL	~~MG/L~~ Kg	71900		6.3
NUTRIENTS	SULFATE	MG/L	00945			POTASSIUM, TOTAL	MG/L	00937		
NON-CATEGORIZED PARAMETER	PH LABORATORY	PH	00403			SILVER, TOTAL	MG/L	01077		
NON-CATEGORIZED PARAMETER	CHLORIDE	MG/L	00940			ZINC, TOTAL	MG/L	01092		
NON-CATEGORIZED PARAMETER	TURBIDITY LAB	JTU/FTU	#0072	G		TOTAL COLIFORM	MFC/100ML	31503	G	
NON-CATEGORIZED PARAMETER	BOD	MG/L	00310			FECAL COLIFORM	MFC/100ML	31616	G	
NON-CATEGORIZED PARAMETER	COD	MG/L	00340			TOTAL COLIFORM	MPN/100ML	31506	G	
NON-CATEGORIZED PARAMETER	TOC	MG/L	00680			FECAL COLIFORM	MPN/100ML	31620	G	
NON-CATEGORIZED PARAMETER	OIL AND GREASE	MG/L	70350			✓ Mercury, EP Tox	~~mg/L~~ ug/L			0.32
NON-CATEGORIZED PARAMETER	PHENOLS	MG/L	32730							
NON-CATEGORIZED PARAMETER	MBAS	MG/L	38260							
NON-CATEGORIZED PARAMETER	CYANIDE	MG/L	00720			DURATION OF COMPOSITE	HOURS	#0074		

HEAVY METALS

COLIFORM

REMARKS

Regina B Smith

DATE 1/17/85

CHESDIVNAVFACENGCOM Contract No. N62477-84-B-0266

JTC Project No. CNF-9

Navy Sample No. 256

JTC Lab No. 09-0106

LABORATORY MULTIPLE PARAMETER WATER QUALITY ANALYSIS RECORD

NAVY ENVIRONMENTAL PROTECTION SUPPORT SERVICE
(IND-NEESA-3900/8 (REV. 1-81)

UIC N00174

*TYPE SAMPLE

C - CONTINOUS SAMPLE
F - FLOW PROPORTION COMP
G - GRAB
I - INDIVIDUAL COMP
S - SEQUENTIAL COMP

ACTIVITY NAME: Naval Ordnance Station- Indian Head, MD

LABORATORY NAME: JTC Environmental Consultants, Inc.

SAMPLE IDENTIFICATION

SAMPLE COLLECTION DATE			SAMPLE COLLECTION TIME	SAMPLE STATION NUMBER
MONTH	DAY	YEAR	0-2400	
JAN	08	85	1000	256-

	PARAMETER DESCRIPTION*	UNITS	DATA ELEMENT NUMBER	TYPE*	VALUE
SOLIDS	TOTAL SUSPENDED SOLIDS (NON FILTERABLE RESIDUE)	MG/L	00530		
	TOTAL SOLIDS (TOTAL RESIDUE 103-105°)	MG/L	00500		
	SETTLEABLE SOLIDS (SETTLEABLE RESIDUE)	ML/L/HR	00545	G	
	TOTAL DISSOLVED SOLIDS (FILTERABLE RESIDUE)	MG/L	70300		
NUTRIENTS	N-AMMONIA (AS N)	MG/L	00610		
	N-NITRATE TOTAL (AS N)	MG/L	00620		
	N-NITRITE TOTAL (AS N)	MG/L	00615		
	TOTAL N (KJELDAHL)	MG/L	00625		
	ORTHOPHOSPHATE (AS PO_4)	MG/L	00660		
	TOTAL PHOSPHORUS (AS P)	MG/L	00678		
	SULFATE	MG/L	00945		
NON-CATEGORIZED PARAMETER	PH LABORATORY	PH	00403		
	CHLORIDE	MG/L	00940		
	TURBIDITY LAB	JTU/FTU	#0072	G	
	BOD	MG/L	00310		
	COD	MG/L	00340		
	TOC	MG/L	00680		
	OIL AND GREASE	MG/L	70350		
	PHENOLS	MG/L	32730		
	MBAS	MG/L	38260		
	CYANIDE	MG/L	00720		

PARAMETER DESCRIPTION	UNITS	DATA ELEMENT NUMBER	TYPE*	VALUE
ALUMINUM, TOTAL	MG/L	01105		
ARSENIC, TOTAL	MG/L	01002		
CADMIUM, TOTAL	MG/L	01027		
CHROMIUM, TOTAL	MG/L	01034		
COPPER, TOTAL	MG/L	01042		
IRON, TOTAL	MG/L	01045		
LEAD, TOTAL	MG/L	01051		
MAGNESIUM, TOTAL	MG/L	00927		
MANGANESE, TOTAL	MG/L	01055		
MERCURY, TOTAL	~~MG/L~~ Kg	71900		1.4
POTASSIUM, TOTAL	MG/L	00937		
SILVER, TOTAL	MG/L	01077		
ZINC, TOTAL	MG/L	01092		
TOTAL COLIFORM	MFC/100ML	31503	G	
FECAL COLIFORM	MFC/100ML	31616	G	
TOTAL COLIFORM	MPN/100ML	31506	G	
FECAL COLIFORM	MPN/100ML	31620	G	
Mercury, EP Tox	~~mg/L~~ ~~Kg~~ µg/L			<0.2
DURATION OF COMPOSITE	HOURS	#0074		

HEAVY METALS

COLIFORM

Rosina B. Smith

DATE 11/7/85

CHESDIVNAVFACENGCOM Contract No. N62477-84-B-0266

JTC Project No. CNF-9

Navy Sample No. 257

JTC Lab No. 09-0107

LABORATORY MULTIPLE PARAMETER WATER QUALITY ANALYSIS RECORD

NAVY ENVIRONMENTAL PROTECTION SUPPORT SERVICE
(IND-NFESA-3900/8 (REV. 1-81)

UIC N10017 4

*TYPE SAMPLE

C - CONTINOUS SAMPLE
F - FLOW PROPORTION COMP
G - GRAB
I - INDIVIDUAL COMP
S - SEQUENTIAL COMP

ACTIVITY NAME: Naval Ordnance Station- Indian Head, MD

LABORATORY NAME: JTC Environmental Consultants, Inc.

SAMPLE IDENTIFICATION

SAMPLE COLLECTION DATE (MONTH)	(DAY)	(YEAR)	SAMPLE COLLECTION TIME (0-2400)	SAMPLE STATION NUMBER
JAN	08	85	1000	257-

	PARAMETER DESCRIPTION*	UNITS	DATA ELEMENT NUMBER	TYPE*	VALUE	PARAMETER DESCRIPTION	UNITS	DATA ELEMENT NUMBER	TYPE*	VALUE
SOLIDS	TOTAL SUSPENDED SOLIDS (NON FILTERABLE RESIDUE)	MG/L	00530			ALUMINUM, TOTAL	MG/L	01105		
SOLIDS	TOTAL SOLIDS (TOTAL RESIDUE 103-105°)	MG/L	00500			ARSENIC, TOTAL	MG/L	01002		
SOLIDS	SETTLEABLE SOLIDS (SETTLEABLE RESIDUE)	ML/L/HR	00545	G		CADMIUM, TOTAL	MG/L	01027		
SOLIDS	TOTAL DISSOLVED SOLIDS (FILTERABLE RESIDUE)	MG/L	70300			CHROMIUM, TOTAL	MG/L	01034		
NUTRIENTS	N-AMMONIA (AS N)	MG/L	00610			COPPER, TOTAL	MG/L	01042		
NUTRIENTS	N-NITRATE TOTAL (AS N)	MG/L	00620			IRON, TOTAL	MG/L	01045		
NUTRIENTS	N-NITRITE TOTAL (AS N)	MG/L	00615			LEAD, TOTAL	MG/L	01051		
NUTRIENTS	TOTAL N (KJELDAHL)	MG/L	00625			MAGNESIUM, TOTAL	MG/L	00927		
NUTRIENTS	ORTHOPHOSPHATE (AS PO_4)	MG/L	00660			MANGANESE, TOTAL	MG/L	01055		
NUTRIENTS	TOTAL PHOSPHORUS (AS P)	MG/L	00678			MERCURY, TOTAL	MG/L ug/kg	71900		0.23
NUTRIENTS	SULFATE	MG/L	00945			POTASSIUM, TOTAL	MG/L	00937		
NON-CATEGORIZED PARAMETER	PH LABORATORY	PH	00403			SILVER, TOTAL	MG/L	01077		
NON-CATEGORIZED PARAMETER	CHLORIDE	MG/L	00940			ZINC, TOTAL	MG/L	01092		
NON-CATEGORIZED PARAMETER	TURBIDITY LAB	JTU/FTU	W0072	G		TOTAL COLIFORM	MFC/100ML	31503	G	
NON-CATEGORIZED PARAMETER	BOD	MG/L	00310			FECAL COLIFORM	MFC/100ML	31616	G	
NON-CATEGORIZED PARAMETER	COD	MG/L	00340			TOTAL COLIFORM	MPN/100ML	31506	G	
NON-CATEGORIZED PARAMETER	TOC	MG/L	00680			FECAL COLIFORM	MPN/100ML	31620	G	
NON-CATEGORIZED PARAMETER	OIL AND GREASE	MG/L	70350			Mercury, EP Tox	mg/l			4.0
NON-CATEGORIZED PARAMETER	PHENOLS	MG/L	32730							
NON-CATEGORIZED PARAMETER	MBAS	MG/L	38260							
NON-CATEGORIZED PARAMETER	CYANIDE	MG/L	00720			DURATION OF COMPOSITE	HOURS	W0074		

SIGNATURE: Kenneth R. Smith

DATE: 1/17/85

CHESDIVNAVFACENGCOM Contract No. N62477-84-B-0266

JTC Project No. CNF-9

Navy Sample No. 258

JTC Lab No. 09-0108

LABORATORY MULTIPLE PARAMETER WATER QUALITY ANALYSIS RECORD

NAVY ENVIRONMENTAL PROTECTION SUPPORT SERVICE
(INO-NFESA-3900/8 (REV. 1-81)

UIC N10,0,1,7,4

*TYPE SAMPLE

C - CONTINOUS SAMPLE
F - FLOW PROPORTION COMP
G - GRAB
I - INDIVIDUAL COMP
S - SEQUENTIAL COMP

ACTIVITY NAME: Naval Ordnance Station- Indian Head, MD

LABORATORY NAME: JTC Environmental Consultants, Inc.

SAMPLE IDENTIFICATION

SAMPLE COLLECTION DATE			SAMPLE COLLECTION TIME	SAMPLE STATION NUMBER
MONTH	DAY	YEAR	0-2400	
J,A,N	0,8	8,5	1,0,0,0	2,5,8,-

	PARAMETER DESCRIPTION*	UNITS	DATA ELEMENT NUMBER	TYPE	VALUE	PARAMETER DESCRIPTION	UNITS	DATA ELEMENT NUMBER	TYPE	VALUE	
SOLIDS	TOTAL SUSPENDED SOLIDS (NON FILTERABLE RESIDUE)	MG/L	00530			ALUMINUM, TOTAL	MG/L	01105			HEAVY METALS
SOLIDS	TOTAL SOLIDS (TOTAL RESIDUE 103-105°)	MG/L	00500			ARSENIC, TOTAL	MG/L	01002			HEAVY METALS
SOLIDS	SETTLEABLE SOLIDS (SETTLEABLE RESIDUE)	ML/L/HR	00545	G		CADMIUM, TOTAL	MG/L	01027			HEAVY METALS
SOLIDS	TOTAL DISSOLVED SOLIDS (FILTERABLE RESIDUE)	MG/L	70300			CHROMIUM, TOTAL	MG/L	01034			HEAVY METALS
NUTRIENTS	N-AMMONIA (AS N)	MG/L	00610			COPPER, TOTAL	MG/L	01042			HEAVY METALS
NUTRIENTS	N-NITRATE TOTAL (AS N)	MG/L	00620			IRON, TOTAL	MG/L	01045			HEAVY METALS
NUTRIENTS	N-NITRITE TOTAL (AS N)	MG/L	00615			LEAD, TOTAL	MG/L	01051			HEAVY METALS
NUTRIENTS	TOTAL N (KJELDAHL)	MG/L	00625			MAGNESIUM, TOTAL	MG/L	00927			HEAVY METALS
NUTRIENTS	ORTHOPHOSPHATE (AS PO_4)	MG/L	00660			MANGANESE, TOTAL	MG/L	01055			HEAVY METALS
NUTRIENTS	TOTAL PHOSPHORUS (AS P)	MG/L	00678			✓ MERCURY, TOTAL	MG/L ~~Kg~~	71900		0.15	HEAVY METALS
NUTRIENTS	SULFATE	MG/L	00945			POTASSIUM, TOTAL	MG/L	00937			HEAVY METALS
NON-CATEGORIZED PARAMETER	PH LABORATORY	PH	00403			SILVER, TOTAL	MG/L	01077			HEAVY METALS
NON-CATEGORIZED PARAMETER	CHLORIDE	MG/L	00940			ZINC, TOTAL	MG/L	01092			HEAVY METALS
NON-CATEGORIZED PARAMETER	TURBIDITY LAB	JTU/FTU	#0072	G		TOTAL COLIFORM	MFC/100ML	31503	G		COLIFORM
NON-CATEGORIZED PARAMETER	BOD	MG/L	00310			FECAL COLIFORM	MFC/100ML	31616	G		COLIFORM
NON-CATEGORIZED PARAMETER	COD	MG/L	00340			TOTAL COLIFORM	MPN/100ML	31506	G		COLIFORM
NON-CATEGORIZED PARAMETER	TOC	MG/L	00680			FECAL COLIFORM	MPN/100ML	31620	G		COLIFORM
NON-CATEGORIZED PARAMETER	OIL AND GREASE	MG/L	70350			✓ Mercury, EP Tox	~~mg/kg~~ mg/l			<0.2	
NON-CATEGORIZED PARAMETER	PHENOLS	MG/L	32730								
NON-CATEGORIZED PARAMETER	MBAS	MG/L	38260								
NON-CATEGORIZED PARAMETER	CYANIDE	MG/L	00720			DURATION OF COMPOSITE	HOURS	#0074			

Remarks

Signature: Roger B. Smith

Date: 1/17/85

CHESDIVNAVFACENGCOM Contract No. N62477-84-B-0266

JTC Project No. CNF-9

Navy Sample No. 259

JTC Lab No. 09-0109

LABORATORY MULTIPLE PARAMETER WATER QUALITY ANALYSIS RECORD

NAVY ENVIRONMENTAL PROTECTION SUPPORT SERVICE
(IND-NEESA-3900/8 (REV. 1-81)

UIC N10017 4

*TYPE SAMPLE

C - CONTINOUS SAMPLE
F - FLOW PROPORTION COMP
G - GRAB
I - INDIVIDUAL COMP
S - SEQUENTIAL COMP

ACTIVITY NAME: Naval Ordnance Station- Indian Head, MD

LABORATORY NAME: JTC Environmental Consultants, Inc.

SAMPLE IDENTIFICATION

SAMPLE COLLECTION DATE			SAMPLE COLLECTION TIME	SAMPLE STATION NUMBER
MONTH	DAY	YEAR	0-2400	
JAN	08	85	1000	259-

	PARAMETER DESCRIPTION*	UNITS	DATA ELEMENT NUMBER	TYPE*	VALUE	PARAMETER DESCRIPTION	UNITS	DATA ELEMENT NUMBER	TYPE*	VALUE
SOLIDS	TOTAL SUSPENDED SOLIDS (NON FILTERABLE RESIDUE)	MG/L	00530			ALUMINUM, TOTAL	MG/L	01105		
	TOTAL SOLIDS (TOTAL RESIDUE 103-105°)	MG/L	00500			ARSENIC, TOTAL	MG/L	01002		
	SETTLEABLE SOLIDS (SETTLEABLE RESIDUE)	ML/L/HR	00545	G		CADMIUM, TOTAL	MG/L	01027		
	TOTAL DISSOLVED SOLIDS (FILTERABLE RESIDUE)	MG/L	70300			CHROMIUM, TOTAL	MG/L	01034		
NUTRIENTS	N-AMMONIA (AS N)	MG/L	00610			COPPER, TOTAL	MG/L	01042		
	N-NITRATE TOTAL (AS N)	MG/L	00620			IRON, TOTAL	MG/L	01045		
	N-NITRITE TOTAL (AS N)	MG/L	00615			LEAD, TOTAL	MG/L	01051		
	TOTAL N (KJELDAHL)	MG/L	00625			MAGNESIUM, TOTAL	MG/L	00927		
	ORTHOPHOSPHATE (AS PO_4)	MG/L	00660			MANGANESE, TOTAL	MG/L	01055		
	TOTAL PHOSPHORUS (AS P)	MG/L	00678			✓ MERCURY, TOTAL	~~MG/L~~ UG/L	71900		0.15
	SULFATE	MG/L	00945			POTASSIUM, TOTAL	MG/L	00937		
NON-CATEGORIZED PARAMETER	PH LABORATORY	PH	00403			SILVER, TOTAL	MG/L	01077		
	CHLORIDE	MG/L	00940			ZINC, TOTAL	MG/L	01092		
	TURBIDITY LAB	JTU/FTU	#0072	G		TOTAL COLIFORM	MFC/100ML	31503	G	
	BOD	MG/L	00310			FECAL COLIFORM	MFC/100ML	31616	G	
	COD	MG/L	00340			TOTAL COLIFORM	MPN/100ML	31506	G	
	TOC	MG/L	00680			FECAL COLIFORM	MPN/100ML	31620	G	
	OIL AND GREASE	MG/L	70350			✓ Mercury, EP Tox	~~MG/L~~ UG/L			<0.2
	PHENOLS	MG/L	32730							
	MBAS	MG/L	38260							
	CYANIDE	MG/L	00720			DURATION OF COMPOSITE	HOURS	#0074		

HEAVY METALS

COLIFORM

REMARKS

SIGNATURE: Kenneth R. Smith

DATE: 1/17/85

CHESDIVNAVFACENGCOM Contract No. N62477-84-B-0266

JTC Project No. CNF-9

Navy Sample No. 2510

JTC Lab No. 09-0110

LABORATORY MULTIPLE PARAMETER WATER QUALITY ANALYSIS RECORD

NAVY ENVIRONMENTAL PROTECTION SUPPORT SERVICE
1140-NEPSA-3900/8 (REV. 1-81)

UIC N00174

*TYPE SAMPLE

C - CONTINOUS SAMPLE
F - FLOW PROPORTION COMP
G - GRAB
I - INDIVIDUAL COMP
S - SEQUENTIAL COMP

ACTIVITY NAME: Naval Ordnance Station- Indian Head, MD

LABORATORY NAME: JTC Environmental Consultants, Inc.

SAMPLE IDENTIFICATION

SAMPLE COLLECTION DATE			SAMPLE COLLECTION TIME	SAMPLE STATION NUMBER
MONTH	DAY	YEAR	0-2400	
JAN	08	85	1000	2510

	PARAMETER DESCRIPTION*	UNITS	DATA ELEMENT NUMBER	TYPE	VALUE	PARAMETER DESCRIPTION	UNITS	DATA ELEMENT NUMBER	TYPE	VALUE	
SOLIDS	TOTAL SUSPENDED SOLIDS (NON FILTERABLE RESIDUE)	MG/L	00530			ALUMINUM, TOTAL	MG/L	01105			HEAVY METALS
SOLIDS	TOTAL SOLIDS (TOTAL RESIDUE 103-105°)	MG/L	00500			ARSENIC, TOTAL	MG/L	01002			HEAVY METALS
SOLIDS	SETTLEABLE SOLIDS (SETTLEABLE RESIDUE)	ML/L/HR	00545	G		CADMIUM, TOTAL	MG/L	01027			HEAVY METALS
SOLIDS	TOTAL DISSOLVED SOLIDS (FILTERABLE RESIDUE)	MG/L	70300			CHROMIUM, TOTAL	MG/L	01034			HEAVY METALS
NUTRIENTS	N-AMMONIA (AS N)	MG/L	00610			COPPER, TOTAL	MG/L	01042			HEAVY METALS
NUTRIENTS	~~N-NITRATE TOTAL (AS N)~~	~~MG/L~~	~~00620~~			~~IRON, TOTAL~~	~~MG/L~~	~~01045~~			HEAVY METALS
NUTRIENTS	N-NITRITE TOTAL (AS N)	MG/L	00615			LEAD, TOTAL	MG/L	01051			HEAVY METALS
NUTRIENTS	TOTAL N (KJELDAHL)	MG/L	00625			MAGNESIUM, TOTAL	MG/L	00927			HEAVY METALS
NUTRIENTS	ORTHOPHOSPHATE (AS PO_4)	MG/L	00660			MANGANESE, TOTAL	MG/L	01055			HEAVY METALS
NUTRIENTS	TOTAL PHOSPHORUS (AS P)	MG/L	00678			✓ MERCURY, TOTAL	~~MG/L~~ Kg	71900		2.9	HEAVY METALS
NUTRIENTS	SULFATE	MG/L	00945			POTASSIUM, TOTAL	MG/L	00937			HEAVY METALS
NON-CATEGORIZED PARAMETER	PH LABORATORY	PH	00403			SILVER, TOTAL	MG/L	01077			HEAVY METALS
NON-CATEGORIZED PARAMETER	CHLORIDE	MG/L	00940			ZINC, TOTAL	MG/L	01092			HEAVY METALS
NON-CATEGORIZED PARAMETER	TURBIDITY LAB	JTU/FTU	00072	G		TOTAL COLIFORM	MFC/100ML	31503	G		COLIFORM
NON-CATEGORIZED PARAMETER	BOD	MG/L	00310			FECAL COLIFORM	MFC/100ML	31616	G		COLIFORM
NON-CATEGORIZED PARAMETER	COD	MG/L	00340			TOTAL COLIFORM	MPN/100ML	31506	G		COLIFORM
NON-CATEGORIZED PARAMETER	TOC	MG/L	00680			FECAL COLIFORM	MPN/100ML	31620	G		COLIFORM
NON-CATEGORIZED PARAMETER	OIL AND GREASE	MG/L	70350			✓ Mercury, EP Tox	~~MG/L~~ µg/l			<0.2	
NON-CATEGORIZED PARAMETER	PHENOLS	MG/L	32730								
NON-CATEGORIZED PARAMETER	MBAS	MG/L	38260								
NON-CATEGORIZED PARAMETER	CYANIDE	MG/L	00720			DURATION OF COMPOSITE	HOURS	00074			

REMARKS

SIGNATURE: Reaina A. Dunitt

DATE: 1/17/85

CHESDIVNAVFACENGCOM Contract No. N62477-84-B-0266

JTC Project No. CNF-9

Navy Sample No. 2511

JTC Lab No. 09-0111

LABORATORY MULTIPLE PARAMETER WATER QUALITY ANALYSIS RECORD

NAVY ENVIRONMENTAL PROTECTION SUPPORT SERVICE
(IND-NFESA-3900/8 (REV. 1-81)

UIC N10,0,1,7,4

*TYPE SAMPLE

C - CONTINOUS SAMPLE
F - FLOW PROPORTION COMP
G - GRAB
I - INDIVIDUAL COMP
S - SEQUENTIAL COMP

ACTIVITY NAME: Naval Ordnance Station- Indian Head, MD

LABORATORY NAME: JTC Environmental Consultants, Inc.

SAMPLE IDENTIFICATION

SAMPLE COLLECTION DATE			SAMPLE COLLECTION TIME	SAMPLE STATION NUMBER
MONTH	DAY	YEAR	0-2400	
J,A,N	0,8	8,5	1,0,0,0	2,5,1,1

	PARAMETER DESCRIPTION*	UNITS	DATA ELEMENT NUMBER	TYPE*	VALUE	PARAMETER DESCRIPTION	UNITS	DATA ELEMENT NUMBER	TYPE*	VALUE
SOLIDS	TOTAL SUSPENDED SOLIDS (NON FILTERABLE RESIDUE)	MG/L	00530			ALUMINUM, TOTAL	MG/L	01105		
	TOTAL SOLIDS (TOTAL RESIDUE 103-105°)	MG/L	00500			ARSENIC, TOTAL	MG/L	01002		
	SETTLEABLE SOLIDS (SETTLEABLE RESIDUE)	ML/L/HR	00545	G		CADMIUM, TOTAL	MG/L	01027		
	TOTAL DISSOLVED SOLIDS (FILTERABLE RESIDUE)	MG/L	70300			CHROMIUM, TOTAL	MG/L	01034		
NUTRIENTS	N-AMMONIA (AS N)	MG/L	00610			COPPER, TOTAL	MG/L	01042		
	N-NITRATE TOTAL (AS N)	MG/L	00620			IRON, TOTAL	MG/L	01045		
	N-NITRITE TOTAL (AS N)	MG/L	00615			LEAD, TOTAL	MG/L	01051		
	TOTAL N (KJELDAHL)	MG/L	00625			MAGNESIUM, TOTAL	MG/L	00927		
	ORTHOPHOSPHATE (AS PO_4)	MG/L	00660			MANGANESE, TOTAL	MG/L	01055		
	TOTAL PHOSPHORUS (AS P)	MG/L	00678			✓ MERCURY, TOTAL	MG/L ~~Kg~~	71900		0.49
	SULFATE	MG/L	00945			POTASSIUM, TOTAL	MG/L	00937		
NON-CATEGORIZED PARAMETER	PH LABORATORY	PH	00403			SILVER, TOTAL	MG/L	01077		
	CHLORIDE	MG/L	00940			ZINC, TOTAL	MG/L	01092		
	TURBIDITY LAB	JTU/FTU	#0072	G		TOTAL COLIFORM	MFC/100ML	31503	G	
	BOD	MG/L	00310			FECAL COLIFORM	MFC/100ML	31616	G	
	COD	MG/L	00340			TOTAL COLIFORM	MPN/100ML	31506	G	
	TOC	MG/L	00680			FECAL COLIFORM	MPN/100ML	31620	G	
	OIL AND GREASE	MG/L	70350			✓ Mercury, EP Tox	~~mg/kg~~ mg/l			<0.2
	PHENOLS	MG/L	32730							
	MBAS	MG/L	38260							
	CYANIDE	MG/L	00720			DURATION OF COMPOSITE	HOURS	#0074		

HEAVY METALS

COLIFORM

NOTES:

SIGNATURE: Bruce A. Smith

DATE: 1/17/85

CHESDIVNAVFACENGCOM Contract No. N62477-84-B-0266

JTC Project No. CNF-9

Navy Sample No. 2512

JTC Lab No. 09-0112

LABORATORY MULTIPLE PARAMETER WATER QUALITY ANALYSIS RECORD

NAVY ENVIRONMENTAL PROTECTION SUPPORT SERVICE
1140-NEESA-3900/8 (REV. 1-81)

UIC N00174

*TYPE SAMPLE

C - CONTINOUS SAMPLE
F - FLOW PROPORTION COMP
G - GRAB
I - INDIVIDUAL COMP
S - SEQUENTIAL COMP

ACTIVITY NAME: Naval Ordnance Station- Indian Head, MD

LABORATORY NAME: JTC Environmental Consultants, Inc.

SAMPLE IDENTIFICATION

SAMPLE COLLECTION DATE (MONTH DAY YEAR)	SAMPLE COLLECTION TIME (0-2400)	SAMPLE STATION NUMBER
JAN 08 85	1000	2512

	PARAMETER DESCRIPTION*	UNITS	DATA ELEMENT NUMBER	TYPE*	VALUE	PARAMETER DESCRIPTION	UNITS	DATA ELEMENT NUMBER	TYPE*	VALUE
SOLIDS	TOTAL SUSPENDED SOLIDS (NON FILTERABLE RESIDUE)	MG/L	00530			ALUMINUM, TOTAL	MG/L	01105		
SOLIDS	TOTAL SOLIDS (TOTAL RESIDUE 103-105°)	MG/L	00500			ARSENIC, TOTAL	MG/L	01002		
SOLIDS	SETTLEABLE SOLIDS (SETTLEABLE RESIDUE)	ML/L/HR	00545	G		CADMIUM, TOTAL	MG/L	01027		
SOLIDS	TOTAL DISSOLVED SOLIDS (FILTERABLE RESIDUE)	MG/L	70300			CHROMIUM, TOTAL	MG/L	01034		
NUTRIENTS	N-AMMONIA (AS N)	MG/L	00610			COPPER, TOTAL	MG/L	01042		
NUTRIENTS	N-NITRATE TOTAL (AS N)	MG/L	00620			IRON, TOTAL	MG/L	01045		
NUTRIENTS	N-NITRITE TOTAL (AS N)	MG/L	00615			LEAD, TOTAL	MG/L	01051		
NUTRIENTS	TOTAL N (KJELDAHL)	MG/L	00625			MAGNESIUM, TOTAL	MG/L	00927		
NUTRIENTS	ORTHOPHOSPHATE (AS PO_4)	MG/L	00660			MANGANESE, TOTAL	MG/L	01055		
NUTRIENTS	TOTAL PHOSPHORUS (AS P)	MG/L	00678			✓ MERCURY, TOTAL	~~MG/L~~ Kg	71900		0.96
NUTRIENTS	SULFATE	MG/L	00945			POTASSIUM, TOTAL	MG/L	00937		
NON-CATEGORIZED PARAMETER	PH LABORATORY	PH	00403			SILVER, TOTAL	MG/L	01077		
NON-CATEGORIZED PARAMETER	CHLORIDE	MG/L	00940			ZINC, TOTAL	MG/L	01092		
NON-CATEGORIZED PARAMETER	TURBIDITY LAB	JTU/FTU	#0072	G		TOTAL COLIFORM	MFC/100ML	31503	G	
NON-CATEGORIZED PARAMETER	BOD	MG/L	00310			FECAL COLIFORM	MFC/100ML	31616	G	
NON-CATEGORIZED PARAMETER	COD	MG/L	00340			TOTAL COLIFORM	MPN/100ML	31506	G	
NON-CATEGORIZED PARAMETER	TOC	MG/L	00680			FECAL COLIFORM	MPN/100ML	31620	G	
NON-CATEGORIZED PARAMETER	OIL AND GREASE	MG/L	70350			✓ Mercury, EP Tox	~~mg/L~~ mg/l			<0.2
NON-CATEGORIZED PARAMETER	PHENOLS	MG/L	32730							
NON-CATEGORIZED PARAMETER	MBAS	MG/L	38260							
NON-CATEGORIZED PARAMETER	CYANIDE	MG/L	00720			DURATION OF COMPOSITE	HOURS	#0074		

HEAVY METALS

COLIFORM

SIGNATURE: Regina D. Smith

DATE: 1/17/85

CHESDIVNAVFACENGCOM Contract No. N62477-84-B-0266

JTC Project No. CNF-9

Navy Sample No. 2513

JTC Lab No. 09-0113

LABORATORY MULTIPLE PARAMETER WATER QUALITY ANALYSIS RECORD

NAVY ENVIRONMENTAL PROTECTION SUPPORT SERVICE
IIND-NFESA-3900/8 (REV. 1-81)

UIC N10,0,1,7,4

*TYPE SAMPLE

C - CONTINOUS SAMPLE
F - FLOW PROPORTION COMP
G - GRAB
I - INDIVIDUAL COMP
S - SEQUENTIAL COMP

ACTIVITY NAME: Naval Ordnance Station- Indian Head, MD

LABORATORY NAME: JTC Environmental Consultants, Inc.

SAMPLE IDENTIFICATION				
SAMPLE COLLECTION DATE			SAMPLE COLLECTION TIME	SAMPLE STATION NUMBER
MONTH	DAY	YEAR	0-2400	
J,A,N	0,8	8,5	1,0,0,0	2,5,1,3

	PARAMETER DESCRIPTION*	UNITS	DATA ELEMENT NUMBER	TYPE*	VALUE	PARAMETER DESCRIPTION	UNITS	DATA ELEMENT NUMBER	TYPE*	VALUE
SOLIDS	TOTAL SUSPENDED SOLIDS (NON FILTERABLE RESIDUE)	MG/L	00530			ALUMINUM, TOTAL	MG/L	01105		
	TOTAL SOLIDS (TOTAL RESIDUE 103-105°)	MG/L	00500			ARSENIC, TOTAL	MG/L	01002		
	SETTLEABLE SOLIDS (SETTLEABLE RESIDUE)	ML/L/HR	00545	G		CADMIUM, TOTAL	MG/L	01027		
	TOTAL DISSOLVED SOLIDS (FILTERABLE RESIDUE)	MG/L	70300			CHROMIUM, TOTAL	MG/L	01034		
NUTRIENTS	N-AMMONIA (AS N)	MG/L	00610			COPPER, TOTAL	MG/L	01042		
	N-NITRATE TOTAL (AS N)	MG/L	00620			IRON, TOTAL	MG/L	01045		
	N-NITRITE TOTAL (AS N)	MG/L	00615			LEAD, TOTAL	MG/L	01051		
	TOTAL N (KJELDAHL)	MG/L	00625			MAGNESIUM, TOTAL	MG/L	00927		
	ORTHOPHOSPHATE (AS PO_4)	MG/L	00660			MANGANESE, TOTAL	MG/L	01055		
	TOTAL PHOSPHORUS (AS P)	MG/L	00678			✓ MERCURY, TOTAL	~~MG/L~~ Kg	71900		17
	SULFATE	MG/L	00945			POTASSIUM, TOTAL	MG/L	00937		
NON-CATEGORIZED PARAMETER	PH LABORATORY	PH	00403			SILVER, TOTAL	MG/L	01077		
	CHLORIDE	MG/L	00940			ZINC, TOTAL	MG/L	01092		
	TURBIDITY LAB	JTU/FTU	#0072	G		TOTAL COLIFORM	MFC/100ML	31503	G	
	BOD	MG/L	00310			FECAL COLIFORM	MFC/100ML	31616	G	
	COD	MG/L	00340			TOTAL COLIFORM	MPN/100ML	31506	G	
	TOC	MG/L	00680			FECAL COLIFORM	MPN/100ML	31620	G	
	OIL AND GREASE	MG/L	70350			✓ Mercury, EP Tox	~~mg/L~~ ~~Kg~~ µg/L			<0.2
	PHENOLS	MG/L	32730							
	MBAS	MG/L	38260							
	CYANIDE	MG/L	00720			DURATION OF COMPOSITE	HOURS	#0074		

HEAVY METALS

COLIFORM

REMARKS

SIGNATURE: Regina B. Smith

DATE: 1/17/85

CHESDIVNAVFACENGCOM Contract No. N62477-84-B-0266

JTC Project No. CNF-9

Navy Sample No. 2514

JTC Lab No. 09-0114

LABORATORY MULTIPLE PARAMETER WATER QUALITY ANALYSIS RECORD

NAVY ENVIRONMENTAL PROTECTION SUPPORT SERVICE
1140-NEPSS-3900/8 (REV. 1-81)

UIC N10017 4

*TYPE SAMPLE

C - CONTINOUS SAMPLE
F - FLOW PROPORTION COMP
G - GRAB
I - INDIVIDUAL COMP
S - SEQUENTIAL COMP

ACTIVITY NAME: Naval Ordnance Station- Indian Head, MD

LABORATORY NAME: JTC Environmental Consultants, Inc.

SAMPLE IDENTIFICATION

SAMPLE COLLECTION DATE			SAMPLE COLLECTION TIME	SAMPLE STATION NUMBER
MONTH	DAY	YEAR	0-2400	
JAN	08	85	1000	2514

	PARAMETER DESCRIPTION*	UNITS	DATA ELEMENT NUMBER	TYPE*	VALUE	PARAMETER DESCRIPTION	UNITS	DATA ELEMENT NUMBER	TYPE*	VALUE	
SOLIDS	TOTAL SUSPENDED SOLIDS (NON FILTERABLE RESIDUE)	MG/L	00530			ALUMINUM, TOTAL	MG/L	01105			HEAVY METALS
SOLIDS	TOTAL SOLIDS (TOTAL RESIDUE 103-105°)	MG/L	00500			ARSENIC, TOTAL	MG/L	01002			HEAVY METALS
SOLIDS	SETTLEABLE SOLIDS (SETTLEABLE RESIDUE)	ML/L/HR	00545	G		CADMIUM, TOTAL	MG/L	01027			HEAVY METALS
SOLIDS	TOTAL DISSOLVED SOLIDS (FILTERABLE RESIDUE)	MG/L	70300			CHROMIUM, TOTAL	MG/L	01034			HEAVY METALS
NUTRIENTS	N-AMMONIA (AS N)	MG/L	00610			COPPER, TOTAL	MG/L	01042			HEAVY METALS
NUTRIENTS	N-NITRATE TOTAL (AS N)	MG/L	00620			IRON, TOTAL	MG/L	01045			HEAVY METALS
NUTRIENTS	N-NITRITE TOTAL (AS N)	MG/L	00615			LEAD, TOTAL	MG/L	01051			HEAVY METALS
NUTRIENTS	TOTAL N (KJELDAHL)	MG/L	00625			MAGNESIUM, TOTAL	MG/L	00927			HEAVY METALS
NUTRIENTS	ORTHOPHOSPHATE (AS PO_4)	MG/L	00660			MANGANESE, TOTAL	MG/L	01055			HEAVY METALS
NUTRIENTS	TOTAL PHOSPHORUS (AS P)	MG/L	00678			✓ MERCURY, TOTAL	MG/L Kg	71900		16	HEAVY METALS
NUTRIENTS	SULFATE	MG/L	00945			POTASSIUM, TOTAL	MG/L	00937			HEAVY METALS
NON-CATEGORIZED PARAMETER	PH LABORATORY	PH	00403			SILVER, TOTAL	MG/L	01077			HEAVY METALS
NON-CATEGORIZED PARAMETER	CHLORIDE	MG/L	00940			ZINC, TOTAL	MG/L	01092			HEAVY METALS
NON-CATEGORIZED PARAMETER	TURBIDITY LAB	JTU/FTU	#0072	G		TOTAL COLIFORM	MFC/100ML	31503	G		COLIFORM
NON-CATEGORIZED PARAMETER	BOD	MG/L	00310			FECAL COLIFORM	MFC/100ML	31616	G		COLIFORM
NON-CATEGORIZED PARAMETER	COD	MG/L	00340			TOTAL COLIFORM	MPN/100ML	31506	G		COLIFORM
NON-CATEGORIZED PARAMETER	TOC	MG/L	00680			FECAL COLIFORM	MPN/100ML	31620	G		COLIFORM
NON-CATEGORIZED PARAMETER	OIL AND GREASE	MG/L	70350			✓ Mercury, EP Tox	mg/L Kg			70.0	
NON-CATEGORIZED PARAMETER	PHENOLS	MG/L	32730								
NON-CATEGORIZED PARAMETER	MBAS	MG/L	38260								
NON-CATEGORIZED PARAMETER	CYANIDE	MG/L	00720			DURATION OF COMPOSITE	HOURS	#0074			

SIGNATURE: Regina D. Smith

DATE: 1/17/85