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POINCIANA PLAZA HOUSING QUARTERLY GROUNDWATER MONITORING REPORT
SECOND QUARTER JULY 2000 NAS KEY WEST FL
8/1/2000
TETRA TECH NUS

**POINCIANA PLAZA HOUSING
QUARTERLY
GROUNDWATER MONITORING REPORT**

Second Quarter, July 2000

**Naval Air Station
Key West, Florida**



**Southern Division
Naval Facilities Engineering Command**

**Contract Number N62467-94-D-0888
Contract Task Order 0032**

August 2000

Rev. 0

POINCIANA PLAZA HOUSING
QUARTERLY
GROUNDWATER MONITORING REPORT

SECOND QUARTER, JULY 2000

FOR

NAVAL AIR STATION
KEY WEST, FLORIDA

COMPREHENSIVE LONG-TERM
ENVIRONMENTAL ACTION NAVY (CLEAN) CONTRACT

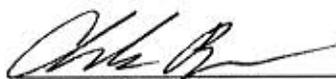
Submitted to:
Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive
North Charleston, South Carolina 29406

Submitted by:
Tetra Tech NUS, Inc.
661 Andersen Drive
Foster Plaza 7
Pittsburgh, Pennsylvania 15220

CONTRACT NUMBER N62467-94-D-0888
CONTRACT TASK ORDER 0032

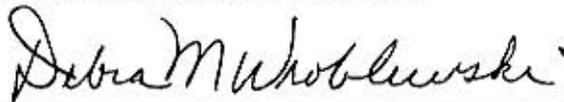
AUGUST 2000

PREPARED UNDER THE SUPERVISION OF:



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POINCIANA PLAZA HOUSING QUARTERLY GROUNDWATER MONITORING REPORT

Second Quarter, July 2000

On July 22, 2000, an unfiltered groundwater sample was obtained from monitoring well G02MW-01 in accordance with the Sampling and Analysis Plan for Poinciana Plaza Housing Groundwater Monitoring Program, using the low-flow sampling technique. The sampling event detected arsenic at 210 µg/L in G02MW-01, which is in excess of the action level of 50 µg/L. Figure 1 shows the historical results of sampling events conducted to monitor arsenic in groundwater in monitoring well G02MW-01. Figure 2 shows the location of the subject monitoring well with respect to the layout of the Poinciana Plaza Housing Complex.

Included in Attachment A of this report are copies of the chain of custody containing the Poinciana Plaza Housing sample PH-GRYZN-01-072200 from G02MW-01, a copy of the appropriate page from the field log book, and the laboratory results.

The next quarterly sampling event will take place during October 2000.

ATTACHMENT A



340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE PRINT IN PEN

Page 1 of 1

Client: **TETRA TECH NUS** Contact: **MARTY RAY** Phone #: **(305) 216-0467** Fax #: **()**
 Address: **906 TRAIL RIDGE RD.** City: **AIKEN** State: **S.C.** Zip Code:
 Purchase Order #: Proj. Name / No.: Katahdin Quote #:

Bill (if different than above) Address:

Sampler (Print / Sign): **D. HALVERSON** Copies To:

LAB USE ONLY WORK ORDER #: **WG 2193**
 KATAHDIN PROJECT MANAGER
 REMARKS:
 SHIPPING INFO: FED EX UPS CLIENT
 AIRBILL NO.:
 TEMP °C: TEMP BLANK INTACT NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

* Sample Description	Date / Time col'd	Matrix	No. of Cntrs.	APPEND. IX											
				ICE											
I7KMW-9-PMP2	7/22/00/1007	GW	8	✓	✓	✓	✓								
I7KMW-9-PMP2-MS/MSD	7/22/00/1007	GW	8	✓	✓	✓	✓								
I7MWT-3-PMP2	7/22/00/1032	GW	8	✓	✓	✓	✓								
TB-07220001	7/22/00/	TB	2												
PH-Gryzn-01-072200	7/22/00/1425	GW	1							✓					
SSmw-3-PMP2	7/22/00/	GW	1							✓					

COMMENTS: **SAMPLES PLACED ON ICE. FED EX 821770303805**

Relinquished By: (Signature) <i>[Signature]</i>	Date / Time 7/24/00 1:200	Received By: (Signature) <i>FED EX</i>	Relinquished By: (Signature) <i>TED EX</i>	Date / Time 7/26/00 900	Received By: (Signature) <i>[Signature]</i>
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

ORIGINAL

7/22/67

1108 - DEPART IRT FOR FIELD OFFICE.

1200 - BREAK FOR LUNCH

1305 - ARRIVE POINC. HOUSING, NR GRH.
~~SEE BOOK 5 FOR DETAILS.~~

1325 - BEGIN POLISH PURGE ON PH-GRYZN-01-072200.

SAMPLE TIME: 1425

ANALYSIS - AS -

TEMP 28.0

TURB. 8

COND 1.38

PH 5.79

DO - 0.13

SAL 0.06

COLOR - CLEAR

(SEE SAMPLE LOGSHEET ON FILE FOR
DETAILS)

SAMPLE ID PH-GRYZN-01-072200

1430 - OFF SITE. PROCEED TO FIELD
OFFICE.

1506 - ARRIVE AT FIELD OFFICE AND
RE-ICE SAMPLES. MOVE TO SSMN3.

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: PH-GRYZN-01-072200

Matrix: WATER

SDG Name: NASKW8

Percent Solids: 0.00

Lab Sample ID: WQ2193-004

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7440-38-2	ARSENIC	210			P	I

Color Before: COLORLESS

Clarity Before: CLEAR

Color After: COLORLESS

Clarity After: CLEAR

Comments:

FORM I - IN

Katahdin Analytical Services 4000008