KEY WEST GASIFICATION (Continued) **1003869347**

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 09/28/1990
Priority Level: Low

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 10/08/1993
Priority Level: NFRAP (No Futher Remedial Action Planned

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 10/08/1993
Priority Level: Not reported

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25 **MOORES PAINT & BODY** **LUST U003339733**
NW **513 GREENE ST** **UST N/A**
1/4-1/2 **KEY WEST, FL 33040**
0.423 mi.
2233 ft.

Relative:
Lower

Actual:
2 ft.

LUST:
Region: STATE
Facility Id: 9800050
Facility Status: CLOSED
Facility Type: C - Fuel user/Non-retail -
Facility Phone: (305) 294-3805
Facility Cleanup Rank: Not reported
District: South District
Lat/Long (dms): 24 33 35.2582 / 81 48 16.3077
Section: Not reported
Township: Not reported
Range: Not reported
Feature: Not reported
Method: Not reported
Datum: Not reported
Score: 9
Score Effective Date: 03-01-2002
Score When Ranked: Not reported
Operator: GARY MOORE
Name Update: Not reported
Address Update: Not reported

Discharge Cleanup Summary:
Discharge Date: 12/08/1997 00:00:00
PCT Discharge Combined: Not reported
Cleanup Required: N - NO CLEANUP REQUIRED
Discharge Cleanup Status: NREQ - CLEANUP NOT REQUIRED
Disch Cleanup Status Date: 12/17/2002 00:00:00
Cleanup Work Status: COMPLETED
Information Source: D - DISCHARGE NOTIFICATION
Other Source Description: PRODUCT IN TANK PIT.
Eligibility Indicator: I
Site Manager: MELE_V
Site Mgr End Date: Not reported
Tank Office: PCSD - South District

Petroleum Cleanup Program Eligibility:
Facility ID: Not reported

MOORES PAINT & BODY (Continued) **U003339733**

Discharge Date:	Not reported
Pct Discharge Combined With:	Not reported
Cleanup Required:	Not reported
Discharge Cleanup Status:	Not reported
Disch Cleanup Status Date:	Not reported
Cleanup Work Status:	Not reported
Information Source:	Not reported
Other Source Description:	Not reported
Application Received Date:	Not reported
Cleanup Program:	Not reported
Eligibility Status:	Not reported
Elig Status Date:	Not reported
Letter Of Intent Date:	Not reported
Redetermined:	Not reported
Inspection Date:	Not reported
Site Manager:	Not reported
Site Mgr End Date:	Not reported
Tank Office:	Not reported
Deductible Amount:	Not reported
Deductible Paid To Date:	Not reported
Co-Pay Amount:	Not reported
Co-Pay Paid To Date:	Not reported
Cap Amount:	Not reported

Contaminated Media:

Discharge Date:	12/08/1997 00:00:00
Pct Discharge Combined With:	Not reported
Cleanup Required:	N - NO CLEANUP REQUIRED
Discharge Cleanup Status:	NREQ - CLEANUP NOT REQUIRED
Disch Cleanup Status Date:	12/17/2002 00:00:00
Cleanup Work Status:	COMPLETED
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	PRODUCT IN TANK PIT.
Elig Indicator:	I - INELIGIBLE
Site Manager:	MELE_V
Site Mgr End Date:	Not reported
Tank Office:	PCSD - South District
Contaminated Drinking Wells:	Not reported
Contaminated Monitoring Well:	Yes
Contaminated Soil:	No
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Pollutant:	A - LEADED GAS
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported

Task Information:

District:	SD
Facility ID:	9800050
Facility Status:	CLOSED
Facility Type:	C - Fuel user/Non-retail
County:	MONROE
County ID:	44
Score Effective Date:	03/01/2002 00:00:00
Cleanup Eligibility Status:	Not reported
Source Effective Date:	Not reported
Discharge Date:	12/08/1997 00:00:00
Cleanup Required:	N

MOORES PAINT & BODY (Continued) **U003339733**

Discharge Cleanup Status: NREQ
Disch Cleanup Status Date: 12/17/2002 00:00:00
SRC Action Type: Not reported
SRC Submit Date: Not reported
SRC Review Date: Not reported
SRC Completion Status: Not reported
SRC Issue Date: Not reported
SRC Comment: Not reported

UST:
Facility ID: 9800050
Facility Phone: (305) 294-3805
Facility Status: CLOSED
Facility Type: Fuel User / Non-retail
Type Description: Fuel user/Non-retail
DEP Contrctr Own: No
Tank Id: 1
Tank Location: UNDERGROUND
Substance: Unknown/Not reported
Content Description: Unknown/Not Reported
Vessel Indicator: TANK
Gallons: 1000
Install Date: Not reported
Status: Removed
Status Date: 01-DEC-1997

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

Tank Id: 2
Tank Location: UNDERGROUND
Substance: Unknown/Not reported
Content Description: Unknown/Not Reported
Vessel Indicator: TANK
Gallons: 1000
Install Date: Not reported
Status: Removed
Status Date: 01-DEC-1997

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

MOORES PAINT & BODY (Continued) **U003339733**

Piping:
Piping Category: Not reported
Piping Description: Not reported

26
NNE
1/4-1/2
0.424 mi.
2241 ft.

EDEN HOUSE **LUST U000102113**
425 GRINNELL ST **UST N/A**
KEY WEST, FL 33040

Relative:
Lower

Actual:
4 ft.

LUST:
Region: STATE
Facility Id: 9101599
Facility Status: CLOSED
Facility Type: C - Fuel user/Non-retail -
Facility Phone: (305) 296-6868
Facility Cleanup Rank: Not reported
District: South District
Lat/Long (dms): 24 33 35.6583 / 81 47 49.0241
Section: Not reported
Township: Not reported
Range: Not reported
Feature: Not reported
Method: UNVR
Datum: 0
Score: 10
Score Effective Date: 01-06-1998
Score When Ranked: Not reported
Operator: EDEN, MIKE
Name Update: Not reported
Address Update: Not reported

Discharge Cleanup Summary:
Discharge Date: 03/20/1991 00:00:00
PCT Discharge Combined: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: NFA - NFA COMPLETE
Disch Cleanup Status Date: 06/09/1992 00:00:00
Cleanup Work Status: COMPLETED
Information Source: A - ABANDONED TANK RESTORATION
Other Source Description: Not reported
Eligibility Indicator: E
Site Manager: Not reported
Site Mgr End Date: Not reported
Tank Office: -

Petroleum Cleanup Program Eligibility:
Facility ID: 9101599
Discharge Date: 03/20/1991 00:00:00
Pct Discharge Combined With: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: NFA - NFA COMPLETE
Disch Cleanup Status Date: 06/09/1992 00:00:00
Cleanup Work Status: COMPLETED
Information Source: A - ABANDONED TANK RESTORATION
Other Source Description: Not reported
Application Received Date: 03-25-1991

EDEN HOUSE (Continued) **U000102113**

Cleanup Program:	A - ABANDONED TANK RESTORATION PROGRAM
Eligibility Status:	06/13/1991 00:00:00
Elig Status Date:	06/13/1991 00:00:00
Letter Of Intent Date:	09/13/1993 00:00:00
Redetermined:	No
Inspection Date:	03/21/1991 00:00:00
Site Manager:	Not reported
Site Mgr End Date:	Not reported
Tank Office:	-
Deductible Amount:	$500.00
Deductible Paid To Date:	$500.00
Co-Pay Amount:	$0.00
Co-Pay Paid To Date:	$0.00
Cap Amount:	Not reported

Contaminated Media:

Discharge Date:	03/20/1991 00:00:00
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	06/09/1992 00:00:00
Cleanup Work Status:	COMPLETED
Information Source:	A - ABANDONED TANK RESTORATION
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	Not reported
Site Mgr End Date:	Not reported
Tank Office:	-
Contaminated Drinking Wells:	0
Contaminated Monitoring Well:	No
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	No
Pollutant:	L - WASTE OIL
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported

Task Information:

District:	SD
Facility ID:	9101599
Facility Status:	CLOSED
Facility Type:	C - Fuel user/Non-retail
County:	MONROE
County ID:	44
Score Effective Date:	01/06/1998 00:00:00
Cleanup Eligibility Status:	E
Source Effective Date:	06/09/1992 00:00:00
Discharge Date:	03/20/1991 00:00:00
Cleanup Required:	R
Discharge Cleanup Status:	NFA
Disch Cleanup Status Date:	06/09/1992 00:00:00
SRC Action Type:	NFA
SRC Submit Date:	05/14/1992 00:00:00
SRC Review Date:	06/09/1992 00:00:00
SRC Completion Status:	A
SRC Issue Date:	06/09/1992 00:00:00
SRC Comment:	MICHELLE DEAN

EDEN HOUSE (Continued) **U000102113**

UST:
Facility ID: 9101599
Facility Phone: (305) 296-6868
Facility Status: CLOSED
Facility Type: Fuel User / Non-retail
Type Description: Fuel user/Non-retail
DEP Contrctr Own: No

Owner:
Owner Id: 6388
Owner Name: EDEN, MIKE
Owner Address: 1015 FLEMING ST
Owner Address 2: Not reported
Owner City,St,Zip: KEY WEST, FL 33040
Owner Contact: MIKE EDEN
Owner Phone: (305) 296-6868

Tank Id: 1
Tank Location: UNDERGROUND
Substance: Leaded gas
Content Description: Leaded Gas
Vessel Indicator: TANK
Gallons: 4000
Install Date: Not reported
Status: Removed
Status Date: 28-FEB-1991

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

Tank Id: 2
Tank Location: UNDERGROUND
Substance: Leaded gas
Content Description: Leaded Gas
Vessel Indicator: TANK
Gallons: 4000
Install Date: Not reported
Status: Removed
Status Date: 28-FEB-1991

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

EDEN HOUSE (Continued) **U000102113**

Piping:
Piping Category: Not reported
Piping Description: Not reported

Tank Id: 3
Tank Location: UNDERGROUND
Substance: Waste oil
Content Description: Waste Oil
Vessel Indicator: TANK
Gallons: 550
Install Date: Not reported
Status: Removed
Status Date: 28-FEB-1991

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

Tank Id: 4
Tank Location: UNDERGROUND
Substance: Waste oil
Content Description: Waste Oil
Vessel Indicator: TANK
Gallons: 550
Install Date: Not reported
Status: Removed
Status Date: 28-FEB-1991

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

27
NNW
1/4-1/2
0.425 mi.
2244 ft.

KEY WEST BIGHT
631 GREENE ST
KEY WEST, FL 33040

LUST **U001362716**
UST **N/A**

Relative:
Lower

Actual:
1 ft.

LUST:

Region:	STATE
Facility Id:	8839946
Facility Status:	CLOSED
Facility Type:	V - Marine/Coastal Fuel Storage -
Facility Phone:	(305) 292-8153
Facility Cleanup Rank:	12280
District:	South District
Lat/Long (dms):	24 33 38.8297 / 81 48 10.1926
Section:	Not reported
Township:	Not reported
Range:	Not reported
Feature:	Not reported
Method:	UNVR
Datum:	0
Score:	8
Score Effective Date:	05-08-2001
Score When Ranked:	8
Operator:	CHARLES W STEPHENSON
Name Update:	Not reported
Address Update:	09-28-1998

Petroleum Cleanup PCT Facility Score:

Highest current score:	8
Facility Cleanup Status:	REPT
Srp Stcm Related Party Id:	37508
Fprtc FacParty Related Type Id:	ACCOUNT OWNER
Contact:	MARK TATT
Contact Company:	KEY WEST CITY
Contact Address:	100 GRINNELL ST
Contact City:	KEY WEST
Contact Stat:	FL
Contact Zip:	33040
Phone:	3052938370
Bad Address Ind:	N

Discharge Cleanup Summary:

Discharge Date:	08/03/1990 00:00:00
PCT Discharge Combined:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	DNR - DISCHARGE NOTIFICATION RECEIVED
Disch Cleanup Status Date:	10/09/2000 00:00:00
Cleanup Work Status:	INACTIVE
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Eligibility Indicator:	I
Site Manager:	Not reported
Site Mgr End Date:	Not reported
Tank Office:	-
Discharge Date:	08/06/1990 00:00:00
PCT Discharge Combined:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	DNR - DISCHARGE NOTIFICATION RECEIVED

KEY WEST BIGHT (Continued) **U001362716**

Disch Cleanup Status Date: 05/08/2001 00:00:00
Cleanup Work Status: ACTIVE
Information Source: D - DISCHARGE NOTIFICATION
Other Source Description: Not reported
Eligibility Indicator: I
Site Manager: Not reported
Site Mgr End Date: Not reported
Tank Office: -

Petroleum Cleanup Program Eligibility:
Facility ID: Not reported
Discharge Date: Not reported
Pct Discharge Combined With: Not reported
Cleanup Required: Not reported
Discharge Cleanup Status: Not reported
Disch Cleanup Status Date: Not reported
Cleanup Work Status: Not reported
Information Source: Not reported
Other Source Description: Not reported
Application Received Date: Not reported
Cleanup Program: Not reported
Eligibility Status: Not reported
Elig Status Date: Not reported
Letter Of Intent Date: Not reported
Redetermined: Not reported
Inspection Date: Not reported
Site Manager: Not reported
Site Mgr End Date: Not reported
Tank Office: Not reported
Deductible Amount: Not reported
Deductible Paid To Date: Not reported
Co-Pay Amount: Not reported
Co-Pay Paid To Date: Not reported
Cap Amount: Not reported

Contaminated Media:
Discharge Date: 08/03/1990 00:00:00
Pct Discharge Combined With: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: DNR - DISCHARGE NOTIFICATION RECEIVED
Disch Cleanup Status Date: 10/09/2000 00:00:00
Cleanup Work Status: INACTIVE
Information Source: D - DISCHARGE NOTIFICATION
Other Source Description: Not reported
Elig Indicator: I - INELIGIBLE
Site Manager: Not reported
Site Mgr End Date: Not reported
Tank Office: -
Contaminated Drinking Wells: Not reported
Contaminated Monitoring Well: Not reported
Contaminated Soil: Not reported
Contaminated Surface Water: Not reported
Contaminated Ground Water: Not reported
Pollutant: -
Pollutant Other Description: Not reported
Gallons Discharged: Not reported
Discharge Date: 08/06/1990 00:00:00
Pct Discharge Combined With: Not reported

KEY WEST BIGHT (Continued) **U001362716**

Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	DNR - DISCHARGE NOTIFICATION RECEIVED
Disch Cleanup Status Date:	05/08/2001 00:00:00
Cleanup Work Status:	ACTIVE
Information Source:	D - DISCHARGE NOTIFICATION
Other Source Description:	Not reported
Elig Indicator:	I - INELIGIBLE
Site Manager:	Not reported
Site Mgr End Date:	Not reported
Tank Office:	-
Contaminated Drinking Wells:	Not reported
Contaminated Monitoring Well:	Not reported
Contaminated Soil:	Not reported
Contaminated Surface Water:	Not reported
Contaminated Ground Water:	Not reported
Pollutant:	Z - OTHER NON REGULATED
Pollutant Other Description:	DIESEL
Gallons Discharged:	Not reported

Task Information:

District:	SD
Facility ID:	8839946
Facility Status:	CLOSED
Facility Type:	V - Marine/Coastal Fuel Storage
County:	MONROE
County ID:	44
Score Effective Date:	05/08/2001 00:00:00
Cleanup Eligibility Status:	Not reported
Source Effective Date:	Not reported
Discharge Date:	08/03/1990 00:00:00
Cleanup Required:	R
Discharge Cleanup Status:	DNR
Disch Cleanup Status Date:	10/09/2000 00:00:00
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Completion Status:	Not reported
SRC Issue Date:	Not reported
SRC Comment:	Not reported
District:	SD
Facility ID:	8839946
Facility Status:	CLOSED
Facility Type:	V - Marine/Coastal Fuel Storage
County:	MONROE
County ID:	44
Score Effective Date:	05/08/2001 00:00:00
Cleanup Eligibility Status:	Not reported
Source Effective Date:	Not reported
Discharge Date:	08/06/1990 00:00:00
Cleanup Required:	R
Discharge Cleanup Status:	DNR
Disch Cleanup Status Date:	05/08/2001 00:00:00
SRC Action Type:	Not reported
SRC Submit Date:	Not reported
SRC Review Date:	Not reported
SRC Completion Status:	Not reported
SRC Issue Date:	Not reported
SRC Comment:	Not reported

KEY WEST BIGHT (Continued) **U001362716**

UST:
Facility ID: 8839946
Facility Phone: (305) 292-8153
Facility Status: CLOSED
Facility Type: Marine Fueling facility
Type Description: Marine/Coastal Fuel Storage
DEP Contrctr Own: No

Owner:
Owner Id: 37508
Owner Name: KEY WEST CITY
Owner Address: 100 GRINNELL ST
Owner Address 2: ATTN: KEY WEST BIGHT MARINA
Owner City,St,Zip: KEY WEST, FL 33040
Owner Contact: MARK TATT
Owner Phone: (305) 293-8370

Tank Id: 1
Tank Location: UNDERGROUND
Substance: Vehicular diesel
Content Description: Vehicular Diesel
Vessel Indicator: TANK
Gallons: 20000
Install Date: 01-MAR-1988
Status: Removed
Status Date: 01-JUN-1998

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

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28 **DEDB** **S108643619**
SSE **411 CATHERINE STREET** **N/A**
1/4-1/2 **KEY WEST, FL**
0.426 mi.
2251 ft.

Relative:
Lower

Actual:
5 ft.

DEDB:
Well Id: 440000401
Location Method: ADDR
Florida Id: Not reported
Latitude: 24.54823
Longitude: 81.798850000000002
Well Depth: 0
Case depth: 0
Diameter: 0
Well Type: Private well
Facility Zip Ext: Not reported
Method: 4

(Continued) **S108643619**

SAMPLE: -
Sample Id: 950906-033
Sample Date: 9/5/1995
Analysis: PURGEABLES
Discharge: No
Test Type: 0
Meter: 0
Comments: Not reported
Matrix: Not reported
Project Id: Not reported
RESULTS: -
Sample ID: 950906-033
Chemical Name: ETHYLENE DIBROMIDE (EDB)
Value: 0
Units: ug/L
Resutls Qualifier: chemical not detected, value is the detection limit

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29 **TRUMAN ANNEX CO MAINLAND** **LUST** **S102533824**
WNW **FRONT ST** **AST** **N/A**
1/4-1/2 **KEY WEST, FL 33041**
0.440 mi.
2325 ft.

Relative:
Lower

Actual:
3 ft.

LUST:
Region: STATE
Facility Id: 8944051
Facility Status: CLOSED
Facility Type: C - Fuel user/Non-retail -
Facility Phone: (305) 577-2939
Facility Cleanup Rank: Not reported
District: South District
Lat/Long (dms): 24 33 26.0806 / 81 48 25.3057
Section: 006
Township: 68S
Range: 25E
Feature: Not reported
Method: UNVR
Datum: 0
Score: 33
Score Effective Date: 01-06-1998
Score When Ranked: Not reported
Operator: JOHN BUTLER
Name Update: Not reported
Address Update: Not reported

Discharge Cleanup Summary:
Discharge Date: 05/01/1988 00:00:00
PCT Discharge Combined: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: NFA - NFA COMPLETE
Disch Cleanup Status Date: 10/18/1989 00:00:00
Cleanup Work Status: COMPLETED
Information Source: E - EDI
Other Source Description: Not reported
Eligibility Indicator: E
Site Manager: Not reported
Site Mgr End Date: Not reported
Tank Office: -

TRUMAN ANNEX CO MAINLAND (Continued) **S102533824**

Petroleum Cleanup Program Eligibility:

Facility ID:	8944051
Discharge Date:	05/01/1988 00:00:00
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	10/18/1989 00:00:00
Cleanup Work Status:	COMPLETED
Information Source:	E - EDI
Other Source Description:	Not reported
Application Received Date:	12-23-1988
Cleanup Program:	E - EARLY DETECTION INCENTIVE
Eligibility Status:	11/01/1989 00:00:00
Elig Status Date:	11/01/1989 00:00:00
Letter Of Intent Date:	12/21/1988 00:00:00
Redetermined:	No
Inspection Date:	07/11/1989 00:00:00
Site Manager:	Not reported
Site Mgr End Date:	Not reported
Tank Office:	-
Deductible Amount:	Not reported
Deductible Paid To Date:	$0.00
Co-Pay Amount:	Not reported
Co-Pay Paid To Date:	$0.00
Cap Amount:	Not reported

Contaminated Media:

Discharge Date:	05/01/1988 00:00:00
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	NFA - NFA COMPLETE
Disch Cleanup Status Date:	10/18/1989 00:00:00
Cleanup Work Status:	COMPLETED
Information Source:	E - EDI
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	Not reported
Site Mgr End Date:	Not reported
Tank Office:	-
Contaminated Drinking Wells:	0
Contaminated Monitoring Well:	Yes
Contaminated Soil:	Yes
Contaminated Surface Water:	No
Contaminated Ground Water:	Yes
Pollutant:	Y - UNKNOWN/NOT REPORTED
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported

Task Information:

District:	SD
Facility ID:	8944051
Facility Status:	CLOSED
Facility Type:	C - Fuel user/Non-retail
County:	MONROE
County ID:	44
Score Effective Date:	01/06/1998 00:00:00
Cleanup Eligibility Status:	E
Source Effective Date:	10/18/1989 00:00:00

TRUMAN ANNEX CO MAINLAND (Continued) **S102533824**

Discharge Date: 05/01/1988 00:00:00
Cleanup Required: R
Discharge Cleanup Status: NFA
Disch Cleanup Status Date: 10/18/1989 00:00:00
SRC Action Type: NFA
SRC Submit Date: 05/05/1989 00:00:00
SRC Review Date: 10/18/1989 00:00:00
SRC Completion Status: A
SRC Issue Date: 10/18/1989 00:00:00
SRC Comment: Not reported

AST:
Facility ID: 8944051
Facility Phone: (305) 577-2939
Facility Status: CLOSED
Type Description: Fuel user/Non-retail
DEP Contrctr Own: No
Lat/Long (dms): 24 33 23 / 81 48 26
Positioning Method: UNVR

Owner:
Owner Id: 26404
Owner Name: GRIFFITH, RONALD
Owner Address: 330 E LAMBERT RD
Owner Address 2: Not reported
Owner City,St,Zip: BREY, CA 92621
Owner Contact: KENNETH D REED V P
Owner Phone: (714) 255-7498

Tank Id: 5
Gallons: 11000
Tank Location: ABOVEGROUND
Substance: Unknown/Not reported
Content Description: Unknown/Not Reported
Install Date: Not reported
Status: Removed
Status Date: Removed

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

Tank Id: 3
Gallons: 102000
Tank Location: ABOVEGROUND
Substance: Unknown/Not reported
Content Description: Unknown/Not Reported
Install Date: Not reported
Status: Removed

TRUMAN ANNEX CO MAINLAND (Continued) **S102533824**

Status Date: Removed

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

Tank Id: 6
Gallons: 16000
Tank Location: ABOVEGROUND
Substance: Unknown/Not reported
Content Description: Unknown/Not Reported
Install Date: Not reported
Status: Removed
Status Date: Removed

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

Tank Id: 4
Gallons: 11000
Tank Location: ABOVEGROUND
Substance: Unknown/Not reported
Content Description: Unknown/Not Reported
Install Date: Not reported
Status: Removed
Status Date: Removed

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

Tank Id: 7
Gallons: 36000
Tank Location: ABOVEGROUND

TRUMAN ANNEX CO MAINLAND (Continued) **S102533824**

Substance: Unknown/Not reported
Content Description: Unknown/Not Reported
Install Date: Not reported
Status: Removed
Status Date: Removed

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

Tank Id: 2
Gallons: 115000
Tank Location: ABOVEGROUND
Substance: Unknown/Not reported
Content Description: Unknown/Not Reported
Install Date: Not reported
Status: Removed
Status Date: Removed

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

Tank Id: 1
Gallons: 122000
Tank Location: ABOVEGROUND
Substance: Unknown/Not reported
Content Description: Unknown/Not Reported
Install Date: Not reported
Status: Removed
Status Date: Removed

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

30 ENE 1/4-1/2 0.450 mi. 2376 ft. **TRUMBO POINT NAS ANNEX** **FUDS** **1007212691** **N/A**

KEY WEST, FL

Relative: Lower

Actual: 5 ft.

FUDS:

Federal Facility ID:	FL9799F4719
FUDS #:	I04FL0973
Facility Name:	TRUMBO POINT NAS ANNEX
City:	KEY WEST
State:	FL
EPA Region:	4
County:	MONROE
Congressional District:	18
US Army District:	Savannah District (SAS)
Fiscal Year:	2007
Telephone:	912-652-5279
NPL Status:	Not Listed
RAB:	Not reported
CTC:	428.20000
Current Owner:	FEDERAL

FUDS Description Details:

The Trumbo Point Naval Air Station consisted of 132.69 acres located within the City of Key West on the northwestern tip of the island, which were utilized for the expansion of the Naval Operating Base, Key West, Florida. The Naval Operating Base lat ter became a Naval Air Station and an additional 1.785 acres were added. The property remained under DoD control during the period of DoD interest and ownership. In June of 1973, 1.14 acres were conveyed to the City of Key West. In 1973, 5.91 acres w were conveyed to the Monroe County School Board. In February 1976, the Navy conveyed 11.43 acres to the Department of Transportation for use by the U.S. Coast Guard. The remaining 114.695 acres are still under the control and ownership of the Navy.

FUDS History Details:

The land was acquired between 1940 and 1946 for the expansion of the Naval Operating Base, Key West, which later became a Naval Air Station. From 1973 to 1976, parcels were transferred to the City of Key West, Monroe County, and the U.S. Coast Guard. . The Navy currently still owns and controls 114.695 acres. An Agreement was reached between the Navy and the U.S. Army Corps of Engineers (CEEC-EB) regarding a hazardous/Toxic Waste (HTW) remedial action at this site. Approximately 12.8 acres were i involved. The site was formerly owned by the Navy but is now owned by the local Coast Guard Station. The site consists of two piers and adjoining lands with still-active Navy piers on either side. (A quantity of petroleum was discovered by the Coast Guard while a contractor was excavating a utility trench on one of the piers.) The Navy has agreed to oversee the remedial cleanup on Coast Guard property. The Corps (CEEC-EB) has agreed to reimburse the Navy for cleanup costs from DERP funds.

FUDS Current Program Details:

The land was acquired between 1940 and 1946 for the expansion of the Naval Operating Base, Key West, which later became a Naval Air Station. From 1973 to 1976, parcels were transferred to the City of

TRUMBO POINT NAS ANNEX (Continued) **1007212691**

Key West, Monroe County, and the U.S. Coast Guard.
. The Navy currently still owns and controls 114.695 acres. An Agreement was reached between the Navy and the U.S. Army Corps of Engineers (CEEC-EB) regarding a hazardous/Toxic Waste (HTW) remedial action at this site. Approximately 12.8 acres were i
involved. The site was formerly owned by the Navy but is now owned by the local Coast Guard Station. The site consists of two piers and adjoining lands with still-active Navy piers on either side. (A
quantity of petroleum was discovered by the Coast
Guard while a contractor was excavating a utility trench on one of the piers.) The Navy has agreed to oversee the remedial cleanup on Coast Guard property. The Corps (CEEC-EB) has agreed to reimburse the Navy for cleanup costs from DERP funds.

FUDS Future Program Details:

The land was acquired between 1940 and 1946 for the expansion of the Naval Operating Base, Key West, which later became a Naval Air Station. From 1973 to 1976, parcels were transferred to the City of Key West, Monroe County, and the U.S. Coast Guard.
. The Navy currently still owns and controls 114.695 acres. An Agreement was reached between the Navy and the U.S. Army Corps of Engineers (CEEC-EB) regarding a hazardous/Toxic Waste (HTW) remedial action at this site. Approximately 12.8 acres were i
involved. The site was formerly owned by the Navy but is now owned by the local Coast Guard Station. The site consists of two piers and adjoining lands with still-active Navy piers on either side. (A
quantity of petroleum was discovered by the Coast
Guard while a contractor was excavating a utility trench on one of the piers.) The Navy has agreed to oversee the remedial cleanup on Coast Guard property. The Corps (CEEC-EB) has agreed to reimburse the Navy for cleanup costs from DERP funds.

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31 **KEY WEST CITY POWER PLANT** **INST CONTROL** **S105589183**
NNE **1001 JAMES ST** **N/A**
1/4-1/2 **KEY WEST, FL 33040**
0.467 mi.
2467 ft.

Relative:
Lower

Actual:
4 ft.

Inst Control:

Facility Id:	449100309
Inst Control Type:	WATER USE RESTRICTION
Eng Control Type:	NONE
Contaminated Media:	GROUND WATER
Contamination:	PETROLEUM (INCLUDES BTEX AND MTBE)
Lat/Long (dms):	24 33 44.0000 / 81 47 54.0000
Date Amended:	Not reported
Mechanism - Date IC Removed:	8/2/2000
Mechanism - Program Area:	TANKS
Mechanism - Date Order Issued:	9/7/2000
Date Removed:	Not reported
Inspection Date:	Not reported
Legal Description:	Not reported
Comments:	Not reported

32
North
1/4-1/2
0.469 mi.
2476 ft.

KEY WEST CONCH HARBOR MARINA
951 CAROLINE ST
KEY WEST, FL 33040

FINDS **1001126890**
LUST **FLR000027409**
AST
RCRA-NonGen

Relative:
Lower

Actual:
3 ft.

FINDS:
Other Pertinent Environmental Activity Identified at Site

Registry ID: 110007474697

Not reported

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:
Region: STATE
Facility Id: 8735043
Facility Status: OPEN
Facility Type: V - Marine/Coastal Fuel Storage -
Facility Phone: (305) 294-2933
Facility Cleanup Rank: 11086
District: South District
Lat/Long (dms): 24 33 42.5252 / 81 47 57.9784
Section: Not reported
Township: Not reported
Range: Not reported
Feature: Not reported
Method: AGPS
Datum: 0
Score: 9
Score Effective Date: 09-24-2003
Score When Ranked: 9
Operator: WILLIAM E TRIMBLE
Name Update: 06-23-1999
Address Update: 01-29-1996

Discharge Cleanup Summary:
Discharge Date: 05/01/1981 00:00:00
PCT Discharge Combined: Not reported
Cleanup Required: R - CLEANUP REQUIRED
Discharge Cleanup Status: RA - RA ONGOING
Disch Cleanup Status Date: 10/09/2000 00:00:00
Cleanup Work Status: ACTIVE
Information Source: E - EDI
Other Source Description: Not reported
Eligibility Indicator: E
Site Manager: Not reported
Site Mgr End Date: Not reported
Tank Office: -

Petroleum Cleanup Program Eligibility:
Facility ID: 8735043
Discharge Date: 05/01/1981 00:00:00

KEY WEST CONCH HARBOR MARINA (Continued) **1001126890**

Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	10/09/2000 00:00:00
Cleanup Work Status:	ACTIVE
Information Source:	E - EDI
Other Source Description:	Not reported
Application Received Date:	09-20-1987
Cleanup Program:	E - EARLY DETECTION INCENTIVE
Eligibility Status:	01/25/1988 00:00:00
Elig Status Date:	01/25/1988 00:00:00
Letter Of Intent Date:	07/24/1986 00:00:00
Redetermined:	No
Inspection Date:	12/22/1986 00:00:00
Site Manager:	Not reported
Site Mgr End Date:	Not reported
Tank Office:	-
Deductible Amount:	Not reported
Deductible Paid To Date:	$0.00
Co-Pay Amount:	Not reported
Co-Pay Paid To Date:	$0.00
Cap Amount:	Not reported

Contaminated Media:

Discharge Date:	05/01/1981 00:00:00
Pct Discharge Combined With:	Not reported
Cleanup Required:	R - CLEANUP REQUIRED
Discharge Cleanup Status:	RA - RA ONGOING
Disch Cleanup Status Date:	10/09/2000 00:00:00
Cleanup Work Status:	ACTIVE
Information Source:	E - EDI
Other Source Description:	Not reported
Elig Indicator:	E - ELIGIBLE
Site Manager:	Not reported
Site Mgr End Date:	Not reported
Tank Office:	-
Contaminated Drinking Wells:	0
Contaminated Monitoring Well:	Yes
Contaminated Soil:	No
Contaminated Surface Water:	No
Contaminated Ground Water:	No
Pollutant:	Z - OTHER NON REGULATED
Pollutant Other Description:	Not reported
Gallons Discharged:	Not reported

Task Information:

District:	SD
Facility ID:	8735043
Facility Status:	OPEN
Facility Type:	V - Marine/Coastal Fuel Storage
County:	MONROE
County ID:	44
Score Effective Date:	09/24/2003 00:00:00
Cleanup Eligibility Status:	E
Source Effective Date:	Not reported
Discharge Date:	05/01/1981 00:00:00
Cleanup Required:	R
Discharge Cleanup Status:	RA

KEY WEST CONCH HARBOR MARINA (Continued) **1001126890**

Disch Cleanup Status Date: 10/09/2000 00:00:00
SRC Action Type: Not reported
SRC Submit Date: Not reported
SRC Review Date: Not reported
SRC Completion Status: Not reported
SRC Issue Date: Not reported
SRC Comment: Not reported

AST:
Facility ID: 8735043
Facility Phone: (305) 294-2933
Facility Status: OPEN
Type Description: Marine/Coastal Fuel Storage
DEP Contrctr Own: No
Lat/Long (dms): 24 33 42 / 81 47 58
Positioning Method: AGPS

Owner:
Owner Id: 61533
Owner Name: KEY WEST BIGHT ASSOC LLC
Owner Address: 951 CAROLINA ST
Owner Address 2: ATT: MARK Z FINIGAN
Owner City,St,Zip: KEY WEST, FL 33040
Owner Contact: Not reported
Owner Phone: (305) 304-2110

Tank Id: 31
Gallons: 256000
Tank Location: ABOVEGROUND
Substance: Leaded gas
Content Description: Leaded Gas
Install Date: 01-JUL-1949
Status: Removed
Status Date: Removed

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

Tank Id: 23
Gallons: 20000
Tank Location: ABOVEGROUND
Substance: Leaded gas
Content Description: Leaded Gas
Install Date: 01-JUL-1949
Status: Removed
Status Date: Removed

Construction:

KEY WEST CONCH HARBOR MARINA (Continued) **1001126890**

Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

Tank Id: 21
Gallons: 77000
Tank Location: ABOVEGROUND
Substance: Leaded gas
Content Description: Leaded Gas
Install Date: 01-JUL-1949
Status: Removed
Status Date: Removed

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

Tank Id: 26
Gallons: 485000
Tank Location: ABOVEGROUND
Substance: Fuel oil-distribution
Content Description: Fuel Oil - Distribution
Install Date: 01-JUL-1949
Status: Removed
Status Date: Removed

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

Tank Id: 30
Gallons: 256000
Tank Location: ABOVEGROUND
Substance: Leaded gas
Content Description: Leaded Gas

KEY WEST CONCH HARBOR MARINA (Continued) **1001126890**

Install Date: 01-JUL-1949
Status: Removed
Status Date: Removed

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

Tank Id: 4
Gallons: 10000
Tank Location: ABOVEGROUND
Substance: Vehicular diesel
Content Description: Vehicular Diesel
Install Date: 01-JAN-1996
Status: In service
Status Date: In service

Construction:
Construction Category: Overfill/Spill
Construction Description: Tight fill

Construction Category: Overfill/Spill
Construction Description: Spill containment bucket

Construction Category: Secondary Containment
Construction Description: AST containment

Construction Category: Primary Construction
Construction Description: Steel

Monitoring:
Monitoring Description: Electronic line leak detector

Monitoring Description: Visual inspect pipe sumps

Monitoring Description: Monitor dbl wall pipe space

Monitoring Description: Continuous electronic sensing

Monitoring Description: Electronic monitor pipe sumps

Monitoring Description: Visual inspect dispenser liners

Monitoring Description: Automatic tank gauging - USTs

Monitoring Description: Visual inspection of ASTs

Piping:
Piping Category: Miscellaneous Attributes

KEY WEST CONCH HARBOR MARINA (Continued) **1001126890**

Piping Description: Abv, no soil contact

Piping Category: Miscellaneous Attributes
Piping Description: Pressurized piping system

Piping Category: Miscellaneous Attributes
Piping Description: Dispenser liners

Piping Category: Primary Construction
Piping Description: Approved synthetic material

Piping Category: Primary Construction
Piping Description: Steel/galvanized metal

Piping Category: Secondary Containment
Piping Description: Double wall

Tank Id: 1
Gallons: 10000
Tank Location: ABOVEGROUND
Substance: Unleaded gas
Content Description: Unleaded Gas
Install Date: 01-JAN-1996
Status: In service
Status Date: In service

Construction:
Construction Category: Primary Construction
Construction Description: Steel

Construction Category: Overfill/Spill
Construction Description: Tight fill

Construction Category: Overfill/Spill
Construction Description: Spill containment bucket

Construction Category: Secondary Containment
Construction Description: AST containment

Monitoring:
Monitoring Description: Visual inspect pipe sumps

Monitoring Description: Visual inspect dispenser liners

Monitoring Description: Continuous electronic sensing

Monitoring Description: Visual inspection of ASTs

Monitoring Description: Automatic tank gauging - USTs

Monitoring Description: Electronic line leak detector

Monitoring Description: Electronic monitor pipe sumps

Monitoring Description: Monitor dbl wall pipe space

KEY WEST CONCH HARBOR MARINA (Continued) **1001126890**

Piping:
Piping Category: Miscellaneous Attributes
Piping Description: Abv, no soil contact

Piping Category: Primary Construction
Piping Description: Steel/galvanized metal

Piping Category: Miscellaneous Attributes
Piping Description: Pressurized piping system

Piping Category: Primary Construction
Piping Description: Approved synthetic material

Piping Category: Secondary Containment
Piping Description: Double wall

Piping Category: Miscellaneous Attributes
Piping Description: Dispenser liners

Tank Id: 2
Gallons: 10000
Tank Location: ABOVEGROUND
Substance: Vehicular diesel
Content Description: Vehicular Diesel
Install Date: 01-JAN-1996
Status: In service
Status Date: In service

Construction:
Construction Category: Primary Construction
Construction Description: Steel

Construction Category: Overfill/Spill
Construction Description: Spill containment bucket

Construction Category: Overfill/Spill
Construction Description: Tight fill

Construction Category: Secondary Containment
Construction Description: AST containment

Monitoring:
Monitoring Description: Automatic tank gauging - USTs

Monitoring Description: Electronic line leak detector

Monitoring Description: Visual inspect pipe sumps

Monitoring Description: Electronic monitor pipe sumps

Monitoring Description: Visual inspection of ASTs

Monitoring Description: Monitor dbl wall pipe space

Monitoring Description: Visual inspect dispenser liners

Monitoring Description: Continuous electronic sensing

KEY WEST CONCH HARBOR MARINA (Continued) **1001126890**

Piping:
Piping Category: Primary Construction
Piping Description: Approved synthetic material

Piping Category: Miscellaneous Attributes
Piping Description: Abv, no soil contact

Piping Category: Primary Construction
Piping Description: Steel/galvanized metal

Piping Category: Miscellaneous Attributes
Piping Description: Pressurized piping system

Piping Category: Miscellaneous Attributes
Piping Description: Dispenser liners

Piping Category: Secondary Containment
Piping Description: Double wall

Tank Id: 3
Gallons: 10000
Tank Location: ABOVEGROUND
Substance: Vehicular diesel
Content Description: Vehicular Diesel
Install Date: 01-JAN-1996
Status: In service
Status Date: In service

Construction:
Construction Category: Overfill/Spill
Construction Description: Spill containment bucket

Construction Category: Overfill/Spill
Construction Description: Tight fill

Construction Category: Secondary Containment
Construction Description: AST containment

Construction Category: Primary Construction
Construction Description: Steel

Monitoring:
Monitoring Description: Automatic tank gauging - USTs

Monitoring Description: Electronic line leak detector

Monitoring Description: Monitor dbl wall pipe space

Monitoring Description: Electronic monitor pipe sumps

Monitoring Description: Visual inspect dispenser liners

Monitoring Description: Visual inspect pipe sumps

Monitoring Description: Visual inspection of ASTs

Monitoring Description: Continuous electronic sensing

KEY WEST CONCH HARBOR MARINA (Continued) **1001126890**

Piping:
Piping Category: Miscellaneous Attributes
Piping Description: Abv, no soil contact

Piping Category: Primary Construction
Piping Description: Steel/galvanized metal

Piping Category: Miscellaneous Attributes
Piping Description: Pressurized piping system

Piping Category: Secondary Containment
Piping Description: Double wall

Piping Category: Primary Construction
Piping Description: Approved synthetic material

Piping Category: Miscellaneous Attributes
Piping Description: Dispenser liners

Tank Id: 25
Gallons: 20000
Tank Location: ABOVEGROUND
Substance: Leaded gas
Content Description: Leaded Gas
Install Date: 01-JUL-1949
Status: Removed
Status Date: Removed

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

Tank Id: 6
Gallons: 20000
Tank Location: ABOVEGROUND
Substance: Leaded gas
Content Description: Leaded Gas
Install Date: 01-JUL-1949
Status: Removed
Status Date: Removed

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

KEY WEST CONCH HARBOR MARINA (Continued) **1001126890**

Piping:
Piping Category: Not reported
Piping Description: Not reported

Tank Id: 20
Gallons: 20000
Tank Location: ABOVEGROUND
Substance: Leaded gas
Content Description: Leaded Gas
Install Date: 01-JUL-1949
Status: Removed
Status Date: Removed

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

Tank Id: 29
Gallons: 256000
Tank Location: ABOVEGROUND
Substance: Leaded gas
Content Description: Leaded Gas
Install Date: 01-JUL-1949
Status: Removed
Status Date: Removed

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

Tank Id: 7
Gallons: 20000
Tank Location: ABOVEGROUND
Substance: Leaded gas
Content Description: Leaded Gas
Install Date: 01-JUL-1949
Status: Removed
Status Date: Removed

Construction:
Construction Category: Not reported
Construction Description: Not reported

KEY WEST CONCH HARBOR MARINA (Continued) **1001126890**

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

Tank Id: 8
Gallons: 20000
Tank Location: ABOVEGROUND
Substance: Leaded gas
Content Description: Leaded Gas
Install Date: 01-JUL-1949
Status: Removed
Status Date: Removed

Construction:
Construction Category: Not reported
Construction Description: Not reported

Monitoring:
Monitoring Description: Not reported

Piping:
Piping Category: Not reported
Piping Description: Not reported

RCRA-NonGen:
Date form received by agency: 01/28/1997
Facility name: KEY WEST CONCH HARBOR MARINA
Facility address: 951 CAROLINE ST
KEY WEST, FL 330406636
EPA ID: FLR000027409
Contact: NON NOTIFIER
Contact address: 951 CAROLINE ST
KEY WEST, FL 330406636
Contact country: US
Contact telephone: 9999999999
Contact email: Not reported
EPA Region: 04
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NON NOTIFIER
Owner/operator address: 951 CAROLINE ST
KEY WEST, FL 33040
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 02/20/1997
Owner/Op end date: Not reported

KEY WEST CONCH HARBOR MARINA (Continued) **1001126890**

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No
- Off-site waste receiver: Commercial status unknown

Violation Status: No violations found

Evaluation Action Summary:
- Evaluation date: 01/28/1997
- Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
- Area of violation: Not reported
- Date achieved compliance: Not reported
- Evaluation lead agency: State

F33 **TRUMAN ANNEX DDT MIX AREA** **INST CONTROL** **S105589156**
SW **NAS KEY WEST** **ENG CONTROLS** **N/A**
1/4-1/2 **KEY WEST, FL 33040**
0.478 mi.
2522 ft. **Site 1 of 2 in cluster F**

Relative:
Lower

Actual:
6 ft.

Inst Control:
- Facility Id: KEY WEST IR3
- Inst Control Type: LAND USE RESTRICTION
- Eng Control Type: IMPERVIOUS CAP
- Contaminated Media: SOIL
- Contamination: PESTICIDES (INCLUDES HERBICIDES, FUNGICIDES AND INSECTICIDES)
- Lat/Long (dms): 24 33 2.0000 / 81 48 27.0000
- Date Amended: Not reported
- Mechanism - Date IC Removed: 8/31/1998
- Mechanism - Program Area: CERCLA
- Mechanism - Date Order Issued: 7/2/1999
- Date Removed: Not reported
- Inspection Date: 11/27/2000
- Legal Description: Not reported
- Comments: Not reported

ENG CONTROLS:
- Facility ID: KEY WEST IR3
- ICR Site: 91
- Inst Control Type: LAND USE RESTRICTION
- Engg Control Type: IMPERVIOUS CAP
- Contaminated Media: SOIL
- Contamination: PESTICIDES (INCLUDES HERBICIDES, FUNGICIDES AND INSECTICIDES)
- Lat/Long (dms): 24 33 2.0000 / 81 48 27.0000

TRUMAN ANNEX DDT MIX AREA (Continued) **S105589156**

Data Ammended:	Not reported
Date Removed:	Not reported
Mechanism - Date Order Issued:	7/2/1999
Inspection Date:	11/27/2000
Mechanism - Date IC Removed:	8/31/1998
Legal Description:	Not reported
Mechanism - Program Area:	CERCLA
Comments:	Not reported

F34 **TRUMAN ANNEX DISPOSAL AREA** **INST CONTROL** **S105589155**
SW **NAS KEY WEST** **ENG CONTROLS** **N/A**
1/4-1/2 **KEY WEST, FL 33040**
0.478 mi.
2522 ft. **Site 2 of 2 in cluster F**

Relative:
Lower

Actual:
6 ft.

Inst Control:

Facility Id:	KEY WEST IR 1
Inst Control Type:	LAND USE RESTRICTION
Eng Control Type:	SOIL CAP
Contaminated Media:	SEDIMENT
Contamination:	INORGANIC METALLIC
Lat/Long (dms):	24 32 41.0000 / 81 48 22.0000
Date Amended:	Not reported
Mechanism - Date IC Removed:	8/31/1998
Mechanism - Program Area:	CERCLA
Mechanism - Date Order Issued:	12/29/2000
Date Removed:	Not reported
Inspection Date:	3/27/2000
Legal Description:	Not reported
Comments:	Not reported

Facility Id:	KEY WEST IR 1
Inst Control Type:	LAND USE RESTRICTION
Eng Control Type:	SOIL CAP
Contaminated Media:	SOIL
Contamination:	INORGANIC METALLIC
Lat/Long (dms):	24 32 41.0000 / 81 48 22.0000
Date Amended:	Not reported
Mechanism - Date IC Removed:	8/31/1998
Mechanism - Program Area:	CERCLA
Mechanism - Date Order Issued:	12/29/2000
Date Removed:	Not reported
Inspection Date:	3/27/2000
Legal Description:	Not reported
Comments:	Not reported

ENG CONTROLS:

Facility ID:	KEY WEST IR 1
ICR Site:	90
Inst Control Type:	LAND USE RESTRICTION
Engg Control Type:	SOIL CAP
Contaminated Media:	SOIL
Contamination:	INORGANIC METALLIC
Lat/Long (dms):	24 32 41.0000 / 81 48 22.0000
Data Ammended:	Not reported
Date Removed:	Not reported
Mechanism - Date Order Issued:	12/29/2000

TRUMAN ANNEX DISPOSAL AREA (Continued) **S105589155**

Inspection Date:	3/27/2000
Mechanism - Date IC Removed:	8/31/1998
Legal Description:	Not reported
Mechanism - Program Area:	CERCLA
Comments:	Not reported
Facility ID:	KEY WEST IR 1
ICR Site:	90
Inst Control Type:	LAND USE RESTRICTION
Engg Control Type:	SOIL CAP
Contaminated Media:	SEDIMENT
Contamination:	INORGANIC METALLIC
Lat/Long (dms):	24 32 41.0000 / 81 48 22.0000
Data Ammended:	Not reported
Date Removed:	Not reported
Mechanism - Date Order Issued:	12/29/2000
Inspection Date:	3/27/2000
Mechanism - Date IC Removed:	8/31/1998
Legal Description:	Not reported
Mechanism - Program Area:	CERCLA
Comments:	Not reported

---

35 NE 1/2-1 0.675 mi. 3565 ft. **KEY WEST NAVAL AIR STATION** **DOD** **CUSA147704 N/A**

KEY WEST NAVAL AIR STATIO (County), FL

Relative: Lower

Actual: 3 ft.

DOD:

Feature 1:	Navy DOD
Feature 2:	Not reported
Feature 3:	Not reported
URL:	Not reported
Name 1:	Key West Naval Air Station
Name 2:	Not reported
Name 3:	Not reported
State:	FL
DOD Site:	Yes
Tile name:	FLMONROE

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36 SW 1/2-1 0.919 mi. 4853 ft. **FORT TAYLOR** **FUDS** **1007212692 N/A**

KEY WEST, FL

Relative: Lower

Actual: 8 ft.

FUDS:

Federal Facility ID:	FL9799F4447
FUDS #:	I04FL0227
Facility Name:	FORT TAYLOR
City:	KEY WEST
State:	FL
EPA Region:	4
County:	MONROE
Congressional District:	18
US Army District:	Savannah District (SAS)

FORT TAYLOR (Continued) **1007212692**

Fiscal Year: 2007
Telephone: 912-652-5279
NPL Status: Not Listed
RAB: Not reported
CTC: 3702.54400
Current Owner: STATE

FUDS Description Details:

The site consisted of a total of 164.03 acres located in Key West, Florida. The original Fort Zachary Taylor was transferred to the War Department in 1845 for construction of a harbor defense site. This facility was a harbor defense site through the Civil War and the Spanish American War. Approximately 51 acres were transferred to the State of Florida in 1979 for a public park The State of Florida now operates a park and recreation area on these acres. The remaining 112.71 acres are still utiliz zed and under control of the Department of the Navy.

FUDS History Details:

The site was acquired in 1845 for the War Department to construct a harbor defense site for Key West. On the old Fort Taylor site, the Army and Navy constructed approximately 86 buildings including warehouses, housing units, office buildings, water t towers, fuel storage facilities, parking areas, administration buildings, and antennas. The old Fort Zachary Taylor, built in the late 1800's, was also located on this property. Although 51.32 acres were conveyed to the State of Florida for a park an nd recreation area, the Department of the Navy still utilizes and controls 112.71 acres, known as Truman Annex. The 112.71 acres are, thus, not eligible for the DERP-FUDS program. An Archive Search Report findings indicates that ordnance was found to o be present on the site and the project was recommended and approved for an Ordnance and Explosive Waste project in September of 1991. However, while ordnance is known to be on-site at this project, the ordnance items present are considered historic c artifacts and the Fort is listed in the National Register of Historic places and declared a National Historic Landmark in 1973. Because of the historic designation, remediation has not been allowed.

FUDS Current Program Details:

The site was acquired in 1845 for the War Department to construct a harbor defense site for Key West. On the old Fort Taylor site, the Army and Navy constructed approximately 86 buildings including warehouses, housing units, office buildings, water t towers, fuel storage facilities, parking areas, administration buildings, and antennas. The old Fort Zachary Taylor, built in the late 1800's, was also located on this property. Although 51.32 acres were conveyed to the State of Florida for a park an nd recreation area, the Department of the Navy still utilizes and controls 112.71 acres, known as Truman Annex. The 112.71 acres are, thus, not eligible for the DERP-FUDS program. An Archive Search Report findings indicates that ordnance was found to o be present on the site and the project was recommended and approved for an Ordnance and Explosive Waste project in September of 1991. However, while ordnance is known to be on-site at this project, the ordnance items present are considered historic c artifacts and the Fort is listed in the National Register of

FORT TAYLOR (Continued) **1007212692**

Historic places and declared a National Historic Landmark in 1973.
Because of the historic designation, remediation has not been allowed.

FUDS Future Program Details:

The site was acquired in 1845 for the War Department to construct a harbor defense site for Key West. On the old Fort Taylor site, the Army and Navy constructed approximately 86 buildings including warehouses, housing units, office buildings, water t towers, fuel storage facilities, parking areas, administration buildings, and antennas. The old Fort Zachary Taylor, built in the late 1800's, was also located on this property. Although 51.32 acres were conveyed to the State of Florida for a park an nd recreation area, the Department of the Navy still utilizes and controls 112.71 acres, known as Truman Annex. The 112.71 acres are, thus, not eligible for the DERP-FUDS program. An Archive Search Report findings indicates that ordnance was found to o be present on the site and the project was recommended and approved for an Ordnance and Explosive Waste project in September of 1991. However, while ordnance is known to be on-site at this project, the ordnance items present are considered historic c artifacts and the Fort is listed in the National Register of Historic places and declared a National Historic Landmark in 1973. Because of the historic designation, remediation has not been allowed.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
KEY WEST	A100131531	TOPPINO INC-BLAYLOCK OIL CO	MM 8.5 US HWY 1	33040	AST
KEY WEST	S109420821	UTILITY BD OF KEY WEST/STOCK ISLAN	FRONT STREET		NPDES
KEY WEST	1009715491	NAS KEY WEST	US HIGHWAY 1, MILE MARKER 8	33040	FINDS
KEY WEST	1009311846	PARADISE POWDER COATING INC	111 US HIGHWAY 1 STE 102	33040	RCRA-NonGen
KEY WEST	1010784001	ALEX'S AUTO WRECKING & PARTS INC.	111 US HIGHWAY 1 STE 107	33040	RCRA-CESQG
KEY WEST	S108978404	ROCKLAND KEY COMMERCE CENTER	US HWY 1		NPDES
KEY WEST	1010736105	ROCKLAND KEY COMMERCE CENTER	US HWY 1	33040	FINDS
KEY WEST	1001404489	COURTESY AUTO SPECIALTIES	US HWY 1	33040	RCRA-NonGen
KEY WEST	S109053463	EVANS ENVIRONMENTAL	111 US HWY 1	33040	SWF/LF
KEY WEST	94401871	231 MARGARET ST KEY WEST BIGHT	231 MARGARET ST KEY WEST BIGHT		ERNS
KEY WEST	S106437643	KEY LARGO WWTP	103200 OVERSEAS HIGHWAY STE 12		NPDES
KEY WEST	S107716052	CITY OF KEY WEST - CENTRAL GARAGE	627 PALM AVENUE 2	33040	TIER 2
KEY WEST	U004105463	KEY WEST CITY-POWER PLANT	TRUMBO RD	33040	AST
BIG COPPITT	96485949	BARCELONA BOAT RAMP BAY SIDE BIG C	BARCELONA BOAT RAMP BAY SIDE B	33040	ERNS
KEY WEST	93334853	A & B MARINA KEY WEST BITE	A & B MARINA KEY WEST BITE		ERNS
KEY WEST	S108978228	NAVAL AIR STATION KEY WEST SIGSBEE	3000 ARTHUR SAWYER RD		NPDES
KEY WEST	1011924911	NAVAL AIR STATION KEY WEST SIG	3000 ARTHUR SAWYER RDBLDG V	33040	FINDS
KEY WEST	1011442780	NAVAL AIR STATION KEY WEST - SIGSB	3000 ARTHUR SAWYER RD	33040	FINDS
KEY WEST	94380501	652 AVE I BIG PINE KEY	652 AVE I BIG PINE KEY		ERNS
KEY WEST	2000535278	CG BASE KEY WEST FLA	CG BASE KEY WEST FLA		ERNS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 02/02/2009
Date Data Arrived at EDR: 02/12/2009
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 46

Source: EPA
Telephone: N/A
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/27/2009
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/23/2009
Date Data Arrived at EDR: 04/28/2009
Date Made Active in Reports: 05/19/2009
Number of Days to Update: 21

Source: EPA
Telephone: N/A
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/27/2009
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 02/02/2009
Date Data Arrived at EDR: 02/12/2009
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 46

Source: EPA
Telephone: N/A
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/27/2009
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/09/2009
Date Data Arrived at EDR: 01/30/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 101

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/29/2009
Next Scheduled EDR Contact: 07/13/2009
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/06/2007
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 76

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 06/15/2009
Next Scheduled EDR Contact: 09/14/2009
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2009
Date Data Arrived at EDR: 04/02/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 39

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/01/2009
Next Scheduled EDR Contact: 08/31/2009
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 04/23/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 04/23/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 04/23/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 04/23/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/31/2009
Date Data Arrived at EDR: 04/22/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/30/2009
Next Scheduled EDR Contact: 06/29/2009
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/31/2009
Date Data Arrived at EDR: 04/22/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/30/2009
Next Scheduled EDR Contact: 06/29/2009
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/30/2009
Date Made Active in Reports: 05/19/2009
Number of Days to Update: 109

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 05/12/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Florida's State-Funded Action Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 09/05/2008
Date Data Arrived at EDR: 09/17/2008
Date Made Active in Reports: 09/24/2008
Number of Days to Update: 7

Source: Department of Environmental Protection
Telephone: 850-488-0190
Last EDR Contact: 06/16/2009
Next Scheduled EDR Contact: 09/14/2009
Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facility Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/11/2009
Date Data Arrived at EDR: 05/12/2009
Date Made Active in Reports: 05/21/2009
Number of Days to Update: 9

Source: Department of Environmental Protection
Telephone: 850-922-7121
Last EDR Contact: 05/12/2009
Next Scheduled EDR Contact: 08/10/2009
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST: PCT01 - Petroleum Contamination Detail Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/04/2009
Date Data Arrived at EDR: 05/27/2009
Date Made Active in Reports: 06/11/2009
Number of Days to Update: 15

Source: Department of Environmental Protection
Telephone: 850-245-8839
Last EDR Contact: 05/27/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/24/2009
Date Data Arrived at EDR: 03/03/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 63
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/20/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 9
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 28
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/20/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 06/01/2009
Date Data Arrived at EDR: 06/03/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 14
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 12/15/2008
Date Data Arrived at EDR: 12/16/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 90
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 06/04/2009
Date Data Arrived at EDR: 06/05/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 12
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: STI02 - Facility/Owner/Tank Report
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 05/04/2009
Date Data Arrived at EDR: 05/27/2009
Date Made Active in Reports: 06/11/2009
Number of Days to Update: 15
Source: Department of Environmental Protection
Telephone: 850-245-8839
Last EDR Contact: 05/27/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: Quarterly

AST: STI02 - Facility/Owner/Tank Report
Registered Aboveground Storage Tanks.

Date of Government Version: 05/04/2009
Date Data Arrived at EDR: 05/27/2009
Date Made Active in Reports: 06/11/2009
Number of Days to Update: 15
Source: Department of Environmental Protection
Telephone: 850-245-8839
Last EDR Contact: 05/27/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/24/2009
Date Data Arrived at EDR: 03/03/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 63
Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 12/15/2008
Date Data Arrived at EDR: 12/16/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 90
Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25
Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 06/04/2009
Date Data Arrived at EDR: 06/05/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 12
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 09/08/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 27

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/20/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 9

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008
Date Data Arrived at EDR: 12/30/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 76

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/22/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 06/01/2009
Date Data Arrived at EDR: 06/03/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 14

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

ENG CONTROLS: Institutional Controls Registry

The registry is a database of all contaminated sites in the state of Florida which are subject to engineering controls. Engineering Controls encompass a variety of engineered remedies to contain and/or reduce contamination, and/or physical barriers intended to limit access to property. ECs include fences, signs, guards, landfill caps, provision of potable water, slurry walls, sheet pile (vertical caps), pumping and treatment of groundwater, monitoring wells, and vapor extraction systems.

Date of Government Version: 04/28/2009
Date Data Arrived at EDR: 04/30/2009
Date Made Active in Reports: 05/21/2009
Number of Days to Update: 21

Source: Department of Environmental Protection
Telephone: 850-245-8927
Last EDR Contact: 04/27/2009
Next Scheduled EDR Contact: 07/27/2009
Data Release Frequency: Semi-Annually

Inst Control: Institutional Controls Registry

The registry is a database of all contaminated sites in the state of Florida which are subject to institutional and engineering controls.

Date of Government Version: 04/28/2009
Date Data Arrived at EDR: 04/30/2009
Date Made Active in Reports: 05/21/2009
Number of Days to Update: 21

Source: Department of Environmental Protection
Telephone: 850-245-8927
Last EDR Contact: 04/27/2009
Next Scheduled EDR Contact: 07/27/2009
Data Release Frequency: Semi-Annually

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Sites
Listing of closed and active voluntary cleanup sites.

Date of Government Version: 04/14/2009
Date Data Arrived at EDR: 04/14/2009
Date Made Active in Reports: 05/21/2009
Number of Days to Update: 37

Source: Department of Environmental Protection
Telephone: 850-245-8705
Last EDR Contact: 06/15/2009
Next Scheduled EDR Contact: 09/14/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfield Areas
Brownfields are abandoned, idled, or underused industrial and commercial facilities where expansion or redevelopment is complicated by real or perceived environmental contamination. Florida's Brownfields Redevelopment Acti primary goals are to reduce health and environmental hazards on existing commercial and industrial sites that are abandoned or underused due to these hazards and create financial and regulatory incentives to encourage voluntary cleanup and redevelopment of sites.

Date of Government Version: 04/27/2009
Date Data Arrived at EDR: 04/29/2009
Date Made Active in Reports: 05/21/2009
Number of Days to Update: 22

Source: Department of Environmental Protection
Telephone: 850-245-8927
Last EDR Contact: 04/29/2009
Next Scheduled EDR Contact: 07/27/2009
Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/01/2008
Date Data Arrived at EDR: 11/14/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 05/20/2009
Next Scheduled EDR Contact: 07/13/2009
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 03/25/2008
Date Data Arrived at EDR: 04/17/2008
Date Made Active in Reports: 05/15/2008
Number of Days to Update: 28

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 04/07/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 10/31/2008
Date Made Active in Reports: 12/23/2008
Number of Days to Update: 53

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/26/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Quarterly

FL SITES: Sites List

This summary status report was developed from a number of lists including the Eckhardt list, the Moffit list, the EPA Hazardous Waste Sites list, EPA's Emergency & Remedial Response information System list (RCRA Section 3012) & existing department lists such as the obsolete uncontrolled Hazardous Waste Sites list. This list is no longer updated.

Date of Government Version: 12/31/1989
Date Data Arrived at EDR: 05/09/1994
Date Made Active in Reports: 08/04/1994
Number of Days to Update: 87

Source: Department of Environmental Protection
Telephone: 850-245-8705
Last EDR Contact: 03/24/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

PRIORITYCLEANERS: Priority Ranking List

The Florida Legislature has established a state-funded program to cleanup properties that are contaminated as a result of the operations of a drycleaning facility.

Date of Government Version: 03/01/2009
Date Data Arrived at EDR: 03/12/2009
Date Made Active in Reports: 04/06/2009
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 850-245-8927
Last EDR Contact: 06/11/2009
Next Scheduled EDR Contact: 09/07/2009
Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/29/2009
Date Data Arrived at EDR: 06/03/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/18/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 06/08/2009
Next Scheduled EDR Contact: 09/07/2009
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/31/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 43

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/16/2009
Next Scheduled EDR Contact: 07/13/2009
Data Release Frequency: Annually

SPILLS: Oil and Hazardous Materials Incidents
Statewide oil and hazardous materials inland incidents.

Date of Government Version: 05/04/2009
Date Data Arrived at EDR: 05/06/2009
Date Made Active in Reports: 05/21/2009
Number of Days to Update: 15
Source: Department of Environmental Protection
Telephone: 850-488-2974
Last EDR Contact: 05/04/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: Semi-Annually

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118
Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 04/23/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 05/14/2008
Date Data Arrived at EDR: 05/28/2008
Date Made Active in Reports: 08/08/2008
Number of Days to Update: 72
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/27/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: Varies

DOD: Department of Defense Sites
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62
Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 05/08/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 09/05/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 18
Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/30/2009
Next Scheduled EDR Contact: 06/29/2009
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 01/27/2009
Date Data Arrived at EDR: 04/23/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 18
Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/21/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/23/2009
Date Data Arrived at EDR: 04/28/2009
Date Made Active in Reports: 05/19/2009
Number of Days to Update: 21

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/30/2009
Next Scheduled EDR Contact: 06/29/2009
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 01/05/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/08/2009
Number of Days to Update: 1

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 06/15/2009
Next Scheduled EDR Contact: 09/14/2009
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 03/24/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 42

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/24/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 04/09/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 69

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 06/16/2009
Next Scheduled EDR Contact: 09/14/2009
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 04/14/2009
Next Scheduled EDR Contact: 07/13/2009
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 06/15/2009
Next Scheduled EDR Contact: 09/14/2009
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 06/15/2009
Next Scheduled EDR Contact: 09/14/2009
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 35
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 05/18/2009
Next Scheduled EDR Contact: 07/13/2009
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 03/20/2009
Date Data Arrived at EDR: 03/20/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 46
Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 04/13/2009
Next Scheduled EDR Contact: 07/13/2009
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 02/26/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 9

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 05/04/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/02/2009
Date Data Arrived at EDR: 04/24/2009
Date Made Active in Reports: 05/19/2009
Number of Days to Update: 25

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/30/2009
Next Scheduled EDR Contact: 06/29/2009
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/28/2009
Date Data Arrived at EDR: 04/29/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/29/2009
Next Scheduled EDR Contact: 07/27/2009
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/28/2009
Date Data Arrived at EDR: 05/01/2009
Date Made Active in Reports: 05/19/2009
Number of Days to Update: 18

Source: EPA
Telephone: (404) 562-9900
Last EDR Contact: 03/30/2009
Next Scheduled EDR Contact: 06/29/2009
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 05/22/2009
Number of Days to Update: 92

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/08/2009
Next Scheduled EDR Contact: 09/07/2009
Data Release Frequency: Biennially

DRYCLEANERS: Drycleaning Facilities

The Drycleaners database, maintained by the Department of Environmental Protection, provides information about permitted dry cleaner facilities.

Date of Government Version: 05/04/2009
Date Data Arrived at EDR: 05/19/2009
Date Made Active in Reports: 06/11/2009
Number of Days to Update: 23

Source: Department of Environmental Protection
Telephone: 850-245-8927
Last EDR Contact: 05/19/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Semi-Annually

DEDB: Ethylene Dibromide Database Results

Ethylene dibromide (EDB), a soil fumigant, that has been detected in drinking water wells. The amount found exceeds the maximum contaminant level as stated in Chapter 62-550 or 520. It is a potential threat to public health when present in drinking water.

Date of Government Version: 05/29/2009
Date Data Arrived at EDR: 05/29/2009
Date Made Active in Reports: 06/11/2009
Number of Days to Update: 13

Source: Department of Environmental Protection
Telephone: 850-245-8335
Last EDR Contact: 05/29/2009
Next Scheduled EDR Contact: 07/13/2009
Data Release Frequency: Varies

WASTEWATER: Wastewater Facility Regulation Database

Domestic and industrial wastewater facilities.

Date of Government Version: 05/01/2009
Date Data Arrived at EDR: 06/03/2009
Date Made Active in Reports: 06/11/2009
Number of Days to Update: 8

Source: Department of Environmental Protection
Telephone: 850-921-9495
Last EDR Contact: 06/03/2009
Next Scheduled EDR Contact: 12/01/2008
Data Release Frequency: Quarterly

AIRS: Permitted Facilities Listing

A listing of Air Resources Management permits.

Date of Government Version: 05/26/2009
Date Data Arrived at EDR: 05/26/2009
Date Made Active in Reports: 06/11/2009
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 850-921-9558
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: Varies

FL Cattle Dip. Vats: Cattle Dipping Vats

From the 1910's through the 1950's, these vats were filled with an arsenic solution for the control and eradication of the cattle fever tick. Other pesticides, such as DDT, were also widely used. By State law, all cattle, horses, mules, goats, and other susceptible animals were required to be dipped every 14 days. Under certain circumstances, the arsenic and other pesticides remaining at the site may present an environmental or public health hazard.

Date of Government Version: 02/04/2005
Date Data Arrived at EDR: 06/29/2007
Date Made Active in Reports: 07/11/2007
Number of Days to Update: 12

Source: Department of Environmental Protection
Telephone: 850-488-3601
Last EDR Contact: 05/04/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: No Update Planned

TIER 2: Tier 2 Facility Listing

A listing of facilities which store or manufacture hazardous materials that submit a chemical inventory report.

Date of Government Version: 03/27/2009
Date Data Arrived at EDR: 05/01/2009
Date Made Active in Reports: 05/21/2009
Number of Days to Update: 20

Source: Department of Environmental Protection
Telephone: 850-413-9970
Last EDR Contact: 04/07/2009
Next Scheduled EDR Contact: 07/06/2009
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 05/08/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 04/13/2009
Date Data Arrived at EDR: 04/14/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 06/08/2009
Next Scheduled EDR Contact: 08/10/2009
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 05/08/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: N/A

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

ALACHUA COUNTY:

Facility List
List of all regulated facilities in Alachua County.

Date of Government Version: 04/01/2009
Date Data Arrived at EDR: 04/02/2009
Date Made Active in Reports: 05/21/2009
Number of Days to Update: 49

Source: Alachua County Environmental Protection Department
Telephone: 352-264-6800
Last EDR Contact: 06/15/2009
Next Scheduled EDR Contact: 09/14/2009
Data Release Frequency: Annually

BROWARD COUNTY:

Aboveground Storage Tanks
Aboveground storage tank locations in Broward County.

Date of Government Version: 01/05/2009
Date Data Arrived at EDR: 01/07/2009
Date Made Active in Reports: 02/10/2009
Number of Days to Update: 34

Source: Broward County Environmental Protection Department
Telephone: 954-818-7509
Last EDR Contact: 03/26/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Varies

Semi-Annual Inventory Report on Contaminated Locations
Early Detection Incentive/Environmental Assessment Remediation. This report monitors the status and remediation progress of known contaminated locations within Broward County. Sites listed by the US EPA, the Florida Department of Environmental Protection, and sites licensed for contamination assessment and cleanup by the Division of Pollution Prevention and Remediation Programs of the Department.

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 03/24/2009
Date Made Active in Reports: 04/06/2009
Number of Days to Update: 13

Source: Broward County Environmental Protection Department
Telephone: 954-818-7509
Last EDR Contact: 03/24/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Semi-Annually

Underground Storage Tanks
All known regulated storage tanks within Broward County, including those tanks that have been closed

Date of Government Version: 01/05/2009
Date Data Arrived at EDR: 01/07/2009
Date Made Active in Reports: 02/10/2009
Number of Days to Update: 34

Source: Broward County Environmental Protection Department
Telephone: 954-818-7509
Last EDR Contact: 03/26/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Annually

MIAMI-DADE COUNTY:

Air Permit Sites
Facilities that release or have a potential to release pollutants.

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 03/25/2009
Date Made Active in Reports: 04/06/2009
Number of Days to Update: 12

Source: Department of Environmental Resources Management
Telephone: 305-372-6755
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Semi-Annually

Grease Trap Sites
Any non-residential facility that discharges waste to a sanitary sewer.

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 03/25/2009
Date Made Active in Reports: 04/06/2009
Number of Days to Update: 12

Source: Dade County Dept. of Env. Resources Mgmt.
Telephone: 305-372-6508
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Semi-Annually

Marine Facilities Operating Permit

What is this permit used for? Miami-Dade County Ordinance 89-104 and Section 24-18 of the Code of Miami-Dade County require the following types of marine facilities to obtain annual operating permits from DERM: All recreational boat docking facilities with ten (10) or more boat slips, moorings, davit spaces, and vessel tie-up spaces. All boat storage facilities contiguous to tidal waters in Miami-Dade County with ten (10) or more dry storage spaces including boatyards and boat manufacturing facilities.

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 03/25/2009
Date Made Active in Reports: 04/06/2009
Number of Days to Update: 12

Source: DERM
Telephone: 305-372-3576
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Quarterly

Maimi River Enforcement

The Miami River Enforcement database files were created for facilities and in some instances vessels that were inspected by a workgroup within the Department that was identified as the Miami River Enforcement Group. The files do not all necessarily reflect enforcement cases and some were created for locations that were permitted by other Sections within the Department.

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 03/25/2009
Date Made Active in Reports: 04/06/2009
Number of Days to Update: 12

Source: DERM
Telephone: 305-372-3576
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Quarterly

Hazardous Waste Sites

Sites with the potential to generate waste

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 03/25/2009
Date Made Active in Reports: 04/06/2009
Number of Days to Update: 12

Source: Dade County Department of Environmental Resources Management
Telephone: 305-372-6755
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Semi-Annually

Industrial Waste Type 2-4 Sites

IW2s are facilities having reclaim or recycling systems with no discharges, aboveground holding tanks or spill prevention and countermeasure plans. IW4s are facilities that discharge an effluent to the ground.

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 03/25/2009
Date Made Active in Reports: 04/06/2009
Number of Days to Update: 12

Source: Department of Environmental Resources Management
Telephone: 305-372-6700
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Semi-Annually

Industrial Waste Type 5 Sites

Generally these facilities fall under the category of "conditionally exempt small quantity generator" or "small quantity generator".

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 03/25/2009
Date Made Active in Reports: 04/06/2009
Number of Days to Update: 12

Source: Department of Environmental Resources Management
Telephone: 305-372-6700
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Semi-Annually

Industrial Waste Type 6

Permits issued to those non-residential land uses located within the major drinking water wellfield protection areas that are not served by sanitary sewers. These facilities do not handle hazardous materials but are regulated because of the env. sensitivity of the areas where they are located.

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 03/25/2009
Date Made Active in Reports: 04/06/2009
Number of Days to Update: 12

Source: Department of Environmental Resources Management
Telephone: 305-372-6700
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Semi-Annually

Industrial Waste Permit Sites

Facilities that either generate more than 25,000 of wastewater per day to sanitary sewers or are pre-defined by EPA.

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 03/25/2009
Date Made Active in Reports: 04/06/2009
Number of Days to Update: 12

Source: Department of Environmental Resources Management
Telephone: 305-372-6700
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Semi-Annually

Enforcement Case Tracking System Sites

Enforcement cases monitored by the Dade County Department of Environmental Resources Management.

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 03/25/2009
Date Made Active in Reports: 04/06/2009
Number of Days to Update: 12

Source: Department of Environmental Resources Management
Telephone: 305-372-6755
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 12/22/2008
Data Release Frequency: Semi-Annually

Fuel Spills Cases

DERM documents fuel spills of sites that are not in a state program.

Date of Government Version: 01/08/2009
Date Data Arrived at EDR: 01/13/2009
Date Made Active in Reports: 02/05/2009
Number of Days to Update: 23

Source: Department of Environmental Resources Management
Telephone: 305-372-6755
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Semi-Annually

Underground Storage Tanks

The facility has on-site underground storage tanks which stores petroleum product.

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 03/25/2009
Date Made Active in Reports: 04/10/2009
Number of Days to Update: 16

Source: Department of Environmental Resource Management
Telephone: 305-372-6700
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: Semi-Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 12/11/2008
Date Made Active in Reports: 03/19/2009
Number of Days to Update: 98

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 06/12/2009
Next Scheduled EDR Contact: 09/07/2009
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 05/05/2009
Date Made Active in Reports: 05/22/2009
Number of Days to Update: 17

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 05/05/2009
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/27/2009
Date Data Arrived at EDR: 02/25/2009
Date Made Active in Reports: 03/12/2009
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/27/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 09/11/2008
Date Made Active in Reports: 10/02/2008
Number of Days to Update: 21

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/08/2009
Next Scheduled EDR Contact: 09/07/2009
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 02/12/2009
Date Made Active in Reports: 03/11/2009
Number of Days to Update: 27

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 06/15/2009
Next Scheduled EDR Contact: 09/14/2009
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/22/2008
Date Made Active in Reports: 09/08/2008
Number of Days to Update: 17

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 04/07/2009
Next Scheduled EDR Contact: 07/06/2009
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Department of Children & Families
Source: Provider Information
Telephone: 850-488-4900

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Environmental Protection
Telephone: 850-245-8238

STREET AND ADDRESS INFORMATION

User Questionnaire Responses

USER QUESTIONNAIRE 1 OF 2

Pursuant to ASTM E 1527-05 Appendix X.3, in order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments), the user must provide the following information (if available) to the environmental professional. Failure to provide the information could result in a determination that "all appropriate inquiry" is not complete. This form represents a type of interview and as such, the user has an obligation to answer all questions in good faith, to the extent of his or her actual knowledge.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?
   ☑ No ☐ Yes If yes, please explain.

2. Are you aware of any activity and land use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law?
   ☑ No ☐ Yes If yes, please explain.

3. As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?
   ☑ No ☐ Yes If yes, please explain. Not Knowlege of Gas Pump & Tank Cleanup in distant past.

4. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? ☑ No ☐ Yes If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?
   ☑ No ☐ Yes If yes, please explain.

5. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user: (a) Do you know of the past uses of the property?; (b) Do you know of specific chemicals that are present or were once present at the property?; (c) Do you know of spills or other chemical releases that have taken place at the property?; (d) Do you know of any environmental cleanups that have taken place at the property?
   ☑ No ☐ Yes If yes, please explain. see above

6. As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?
   ☑ No ☐ Yes If yes, please explain.

USER QUESTIONNAIRE 2 OF 2

Proceedings Involving the Property

Pursuant to ASTM E 1527-05 §10.9, as the user of this ESA do you know of (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property; and (3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

☑ No ☐ Yes If yes, please explain.

Helpful Documents Checklist

Pursuant to ASTM E 1527-05 §10.8, do you know whether any of the following documents exist related to the subject property, and if so, whether copies can and will be provided to PSI for review? Check all that apply.

- ☐ Environmental site assessment reports
- ☐ Environmental compliance audit reports
- ☐ Environmental permits (for example solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits)
- ☐ Registrations for above or underground storage tanks
- ☐ Registration for underground injection systems
- ☐ Material safety data sheets
- ☐ Community right-to-know plan
- ☐ Risk assessments
- ☐ Safety plans; preparedness and prevention plans; spill prevention, countermeasure and control (SPCC) plans; etc.
- ☐ Reports regarding hydrogeologic conditions on the property or surrounding area
- ☐ Notices or other correspondence from any governmental agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property
- ☐ Hazardous waste generation notices or reports
- ☐ Geotechnical studies
- ☐ Recorded activity and land use limitations (AULs)

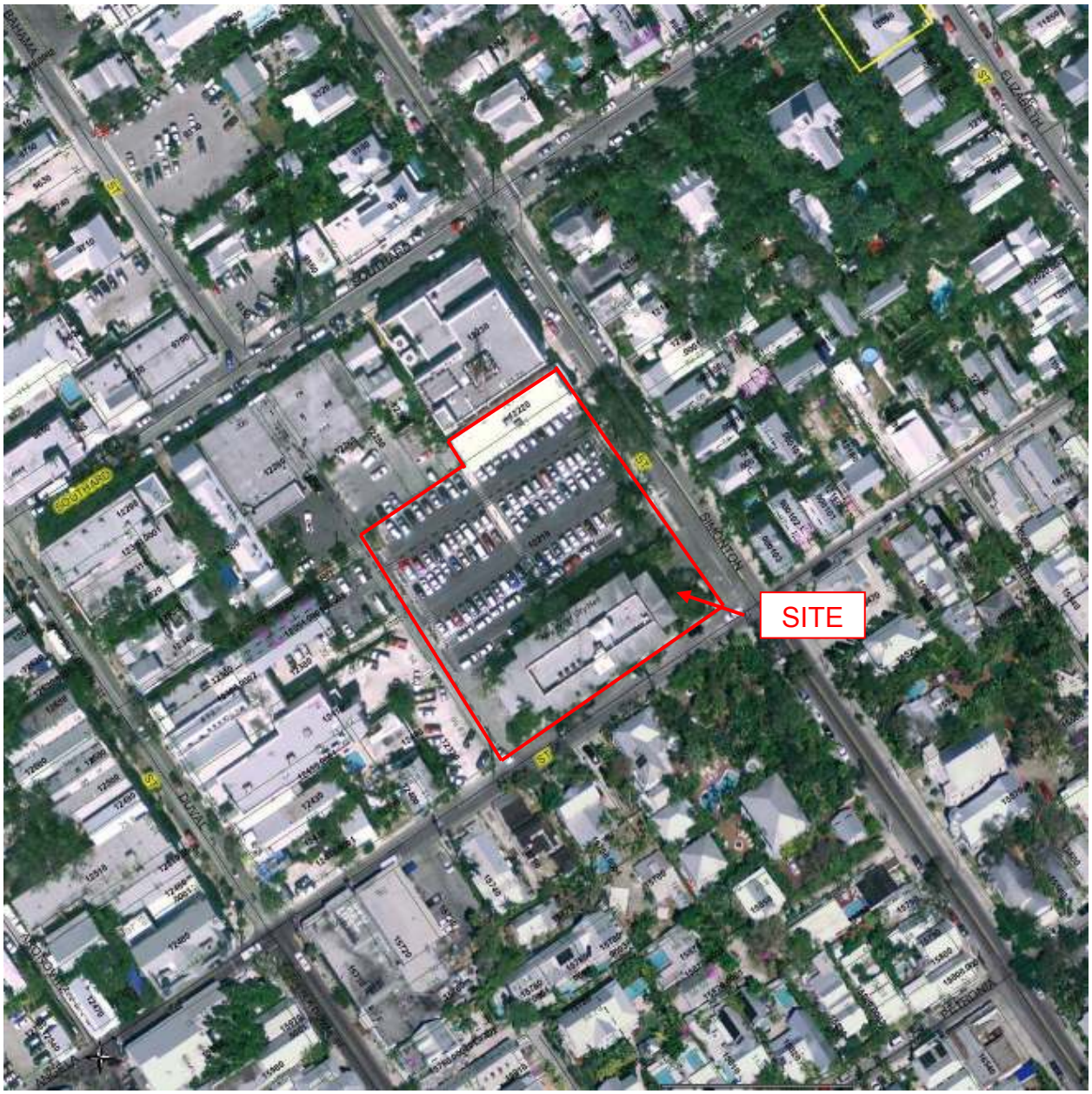
E David Fernandez
Name (Authorized User Representative)

Assistant City Manager
Title

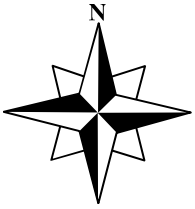
E David Fernandez
Signature

7-22-09
Date

Historical Research Documentation



DATE: 2006
SECTION: 06
TOWNSHIP: 68 SOUTH
RANGE: 25 EAST
SCALE: N.T.S.
SOURCE: MONROE COUNTY PROPERTY APPRAISER'S WEBSITE



Ervin A. Higgs, CFA
Property Appraiser
Monroe County, Florida

office (305) 292-3420
fax (305) 292-3501

Property Record View

Alternate Key: 1012548 Parcel ID: 00012210-000000

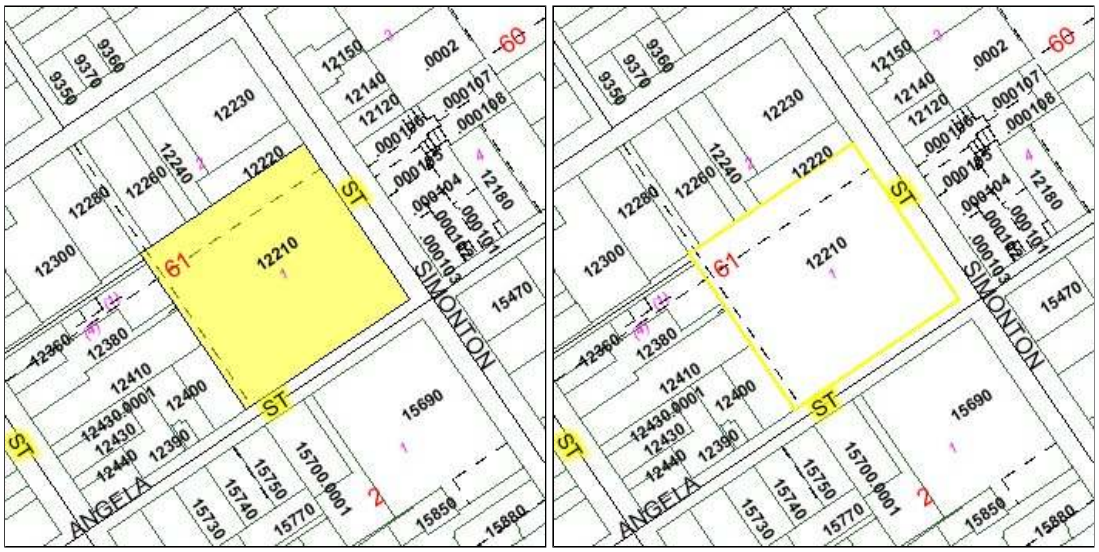
Ownership Details

Mailing Address:
CITY OF KEY WEST FLA
FOR: CITY HALL & PARKING
P O BOX 1409
KEY WEST, FL 33041

Property Details

PC Code: 89 - MUNICIPAL OTHER THAN (PC/LIST)
Millage Group: 10KW
Affordable Housing: No
Section-Township-Range: 06-68-25
Property Location: 525 ANGELA ST KEY WEST
Legal Description: KW ALL LOT 1&PT LOTS 2-3-4 OR35-107-108 SQR 61 OR160-589-590 OR608-337

Parcel Map



Exemptions

Exemption	Amount
15 - MUNICIPAL LANDS	10,538,025.00

Land Details

Land Use Code	Frontage	Depth	Land Area
100E - COMMERCIAL EXEMPT	240	241	62,417.00 SF

Building Summary

Building 1 Details

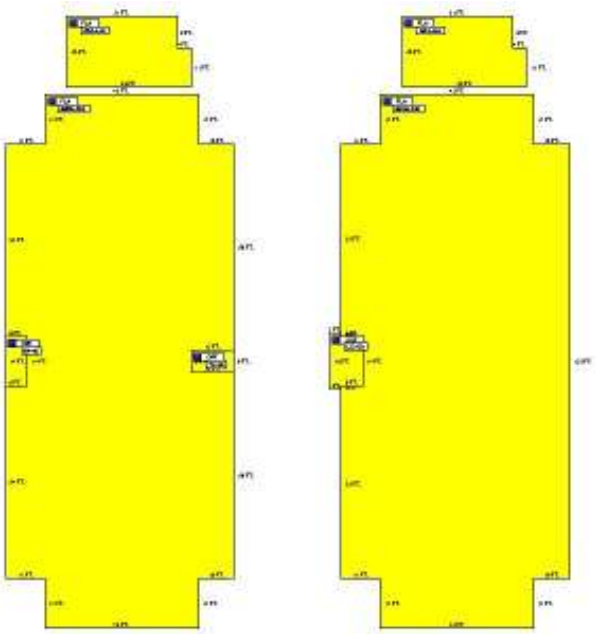
Building Type		**Condition**	E	**Quality Grade**	450
Effective Age	13	**Perimeter**	1,124	**Depreciation %**	15
Year Built	1960	**Special Arch**	0	**Grnd Floor Area**	19,112
Functional Obs	0	**Economic Obs**	0		

Inclusions:

Roof Type		**Roof Cover**		**Foundation**	
Heat 1		**Heat 2**		**Bedrooms**	0
Heat Src 1		**Heat Src 2**			

Extra Features:

2 Fix Bath	0	**Vacuum**	0
3 Fix Bath	0	**Garbage Disposal**	0
4 Fix Bath	0	**Compactor**	0
5 Fix Bath	0	**Security**	0
6 Fix Bath	0	**Intercom**	0
7 Fix Bath	0	**Fireplaces**	0
Extra Fix	31	**Dishwasher**	0



Sections:

Nbr	Type	Ext Wall	# Stories	Year Built	Attic	A/C	Basement %	Finished Basement %	Area
1	FLA		1	1991					8,856
2	OPF		1	1991					84
3	OPF		1	1991					72
4	OUF		1	1991					132
5	FLA		1	1991					8,928
6	FLA		1	1999					664
7	FLA		1	1999					664

Misc Improvement Details

Nbr	Type	# Units	Length	Width	Year Built	Roll Year	Grade	Life
1	AP2:ASPHALT PAVING	13,400 SF	0	0	1973	1974	2	25
2	AC2:WALL AIR COND	10 UT	0	0	1991	1992	2	20
3	AC2:WALL AIR COND	23 UT	0	0	1991	1992	1	20
4	FN2:FENCES	210 SF	5	42	1999	2000	2	30
5	PT3:PATIO	200 SF	50	4	1999	2000	2	50
6	AP2:ASPHALT PAVING	34,800 SF	240	145	2006	2007	2	25

Appraiser Notes

KEY WEST CITY HALL & PARKING GARAGE

HURRICANE DAMAGES

Building Permits

Bldg	Number	Date Issued	Date Completed	Amount	Description	Notes
	B94-3721	11/01/1994	11/01/1995	500	Commercial	PAINT OFFICES ON 2ND FL.
	E94-4009	12/01/1994	11/01/1995	500	Commercial	ELECTRICAL
	A95-0418	02/01/1995	11/01/1995	6,300	Commercial	16 SQS SINGLE PLY ROOFING
	B95-3740	11/01/1995	11/01/1995	10,000	Commercial	CONVERT STOR TO OFFICE SP
	B95-3959	11/01/1995	11/01/1995	20,000	Commercial	CONVERT STOR TO OFFICE SP
	96-2764	07/01/1996	11/01/1996	5,000	Commercial	ELECTRICAL
	95-0059	12/01/1995	11/01/1996	1	Commercial	ELECTRICAL
	96-0316	01/01/1996	11/01/1996	2,300	Commercial	MECHANICAL
	97-0140	01/01/1997	06/01/1997	4,000	Commercial	REPAIR
	97-1874	06/01/1997	06/01/1997	1,200	Commercial	ROOF
	97-2378	07/01/1997	07/01/1997	3,240	Commercial	PLUMBING
1	98-1132	04/20/1998	01/01/1999	8,400	Commercial	INSTALL OF BACKFLOW
	99-1491	05/03/1999	02/15/2000	99,000	Commercial	ADDITION
	00-0149	02/07/2000	07/10/2000	1,500	Commercial	CANVAS AWNING
	00-0844	03/31/2000	07/10/2000	1	Commercial	REPLACE DOOR
	00-1406	05/23/2000	07/10/2000	1	Commercial	REPLACE 10 FIXTURES
1	01-3206	09/20/2001	08/24/2001	4,000	Commercial	1200SF TILE
1	02-2514	07/30/2002	11/17/2002	2,500	Commercial	ELECTRIC DOOR
	02-2473	09/18/2002	11/17/2002	8,200	Commercial	ELECTRICAL FOR DOOR
	02-2073	07/30/2002	11/17/2002	7,800	Commercial	REPLACE FRONT DOORS
	04-0097	01/16/2004	06/22/2004	2,600	Commercial	NEW FENCE & GATE
	04-0786	03/15/2004	06/22/2004	21,000	Commercial	REPAIR ROOF
	04-1892	06/10/2004	12/02/2004	89,000	Commercial	R&R HIST. STREET LIGHTS
	05-1110	04/07/2005	06/30/2006	200	Commercial	NEW RECEPTACLE IN THE COMPUTER ROOM.
	06-1893	03/21/2006	06/30/2006	30,000	Commercial	STORM REPAIRS DRYWALL & DOORS ,INSULATION AND TILE
	04-3799	12/15/2004	06/30/2006	2,400	Commercial	REPLACE EXISTING ROOF
	05-2825	03/06/2006	08/10/2006	250,000	Commercial	REBUILD PARKING LOT, DRAINS, LIGHTING, ASPHALT.
	05-2824	07/07/2005	08/10/2006	200,000	Commercial	DEMO PARKING GARAGE.
	07-3558	07/18/2007	07/18/2007	6,000	Commercial	CHANGE OUT 10-TON A.C ON TOP OF ROOF
	05-1390	05/10/2005	06/30/2006	29,000	Commercial	INSTALL SOFFITT

Parcel Value History

Certified Roll Values.

View Taxes for this Parcel.

Roll Year	Total Bldg Value	Total Misc Improvement Value	Total Land Value	Total Just (Market) Value	Total Assessed Value	School Exempt Value	School Taxable Value
2008	3,121,768	85,097	8,114,210	11,321,075	11,321,075	11,321,075	0
2007	2,124,852	87,942	9,362,550	11,575,344	11,575,344	11,575,344	0
2006	3,609,656	18,396	6,241,700	9,869,752	9,869,752	9,869,752	0
2005	3,651,146	18,450	5,617,530	9,287,126	9,287,126	9,287,126	0
2004	3,734,110	18,511	4,369,190	8,121,811	8,121,811	8,121,811	0
2003	3,734,110	19,276	1,498,008	5,251,394	5,251,394	5,251,394	0
2002	3,715,245	20,040	1,498,008	5,233,293	5,233,293	5,233,293	0
2001	3,715,245	20,811	1,498,008	5,234,064	5,234,064	5,234,064	0
2000	3,715,245	15,189	1,373,174	5,103,608	5,103,608	5,103,608	0
1999	3,695,535	15,126	1,373,174	5,083,835	5,083,835	5,083,835	0
1998	2,469,019	15,836	1,373,174	3,858,029	3,858,029	3,858,029	0
1997	2,469,019	5,896	1,248,340	3,723,255	3,723,255	3,723,255	0
1996	1,969,723	5,896	1,248,340	3,223,959	3,223,959	3,223,959	0

1995	1,969,723	5,896	1,248,340	3,223,959	3,223,959	3,223,959	0
1994	1,969,723	5,896	1,248,340	3,223,959	3,223,959	3,223,959	0
1993	1,969,723	5,896	1,248,340	3,223,959	3,223,959	3,223,959	0
1992	1,969,723	5,896	1,248,340	3,223,959	3,223,959	3,223,959	0
1991	995,293	0	1,248,340	2,243,633	2,243,633	2,243,633	0
1990	918,732	0	1,014,276	1,933,008	1,933,008	1,933,008	0
1989	918,732	0	998,672	1,917,404	1,917,404	1,917,404	0
1988	866,114	0	873,838	1,739,952	1,739,952	1,739,952	0
1987	838,572	0	573,456	1,412,028	1,412,028	1,412,028	0
1986	845,990	0	561,753	1,407,743	1,407,743	1,407,743	0
1985	815,551	0	561,753	1,377,304	1,377,304	1,377,304	0
1984	796,789	0	561,753	1,358,542	1,358,542	1,358,542	0
1983	796,789	0	310,800	1,107,589	1,107,589	1,107,589	0
1982	706,588	0	310,800	1,017,388	1,017,388	1,017,388	0

Parcel Sales History

NOTE: Sales do not generally show up in our computer system until about two to three months after the date of sale. If a recent sale does not show up in this list, please allow more time for the sale record to be processed. Thank you for your patience and understanding.

There are no sales to display for this parcel.

Monroe County Property Appraiser
Ervin A. Higgs, CFA
P.O. Box 1176
Key West, FL 33041-1176

Ervin A. Higgs, CFA
Property Appraiser
Monroe County, Florida

office (305) 292-3420
fax (305) 292-3501

Property Record View

Alternate Key: 1012556 Parcel ID: 00012220-000000

Ownership Details

Mailing Address:
CITY OF KEY WEST FLORIDA THE

(FOR: 604 SIMONTON STREET)
P O BOX 1409
KEY WEST, FL 33041

Property Details

PC Code: 89 - MUNICIPAL OTHER THAN (PC/LIST)
Millage Group: 10KW
Affordable Housing: No
Section-Township-Range: 06-68-25
Property Location: 604 SIMONTON ST KEY WEST
Legal Description: KW PT LOT 2 SQR 61 SIMONTON ST OR288-24/25 OR997-1065/1067 OR1155-42/43(LG)

Parcel Map

Exemptions

Exemption	Amount
15 - MUNICIPAL LANDS	1,353,137.00

Land Details

Land Use Code	Frontage	Depth	Land Area
100E - COMMERCIAL EXEMPT	35	141	4,935.00 SF

Building Summary

Building 1 Details

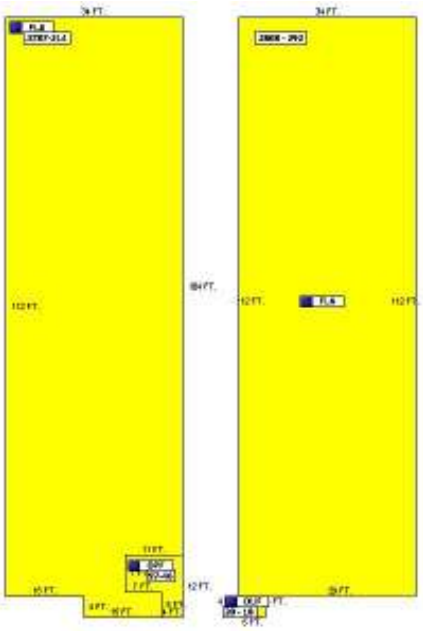
Building Type		**Condition**	E	**Quality Grade**	400
Effective Age	13	**Perimeter**	606	**Depreciation %**	15
Year Built	1968	**Special Arch**	0	**Grnd Floor Area**	7,595
Functional Obs	0	**Economic Obs**	0		

Inclusions:

Roof Type		**Roof Cover**		**Foundation**	
Heat 1		**Heat 2**		**Bedrooms**	0
Heat Src 1		**Heat Src 2**			

Extra Features:

2 Fix Bath	0	**Vacuum**	0
3 Fix Bath	0	**Garbage Disposal**	0
4 Fix Bath	0	**Compactor**	0
5 Fix Bath	0	**Security**	0
6 Fix Bath	0	**Intercom**	0
7 Fix Bath	0	**Fireplaces**	0
Extra Fix	6	**Dishwasher**	0



Sections:

Nbr	Type	Ext Wall	# Stories	Year Built	Attic	A/C	Basement %	Finished Basement %	Area
1	FLA		1	1968					3,787
2	OPF		1	1968					97
3	FLA		1	1968					3,808
4	OUF		1	1968					20

Misc Improvement Details

Nbr	Type	# Units	Length	Width	Year Built	Roll Year	Grade	Life
1	AP2:ASPHALT PAVING	700 SF	0	0	1975	1976	2	25
2	FN2:FENCES	70 SF	0	0	1975	1976	3	30

Appraiser Notes

CITY BUILDING & PLANNING DEPT

Building Permits

Bldg	Number	Date Issued	Date Completed	Amount	Description	Notes
	06-0222	01/15/2006	08/10/2006	1,000	Commercial	INSTALL WIRING.
	06-3685	06/20/2006	08/10/2006	12,000	Commercial	INSTALL FRESH AIR SYSTEM.
	06-0187	01/12/2006	08/10/2006	10,500	Commercial	BUILD RECEPTION COUNTER

1	9801978	06/23/1998	01/01/1999	2,000	Commercial	INSTALL NEW COUNTER TOP
1	9801978	06/23/1998	01/01/1999	2,000	Commercial	RE-WIRE COUNTER
1	9903642	10/27/1999	11/18/1999	725	Commercial	ELECTRICAL CIRCUITS
	9903256	01/26/2000	12/01/2000	5,000	Commercial	INSTALL GATE OPERATORS
	0000467	02/25/2000	12/01/2000	6,000	Commercial	ELECTRICAL
	0000160	03/15/2000	12/01/2000	19,000	Commercial	UPGRADE RESTROOMS
	0002772	09/08/2000	12/01/2000	1,037	Commercial	PLUMBING
	0002782	09/27/2000	12/01/2000	8,000	Commercial	INTERIOR WORK
	00-3517	02/27/2001	10/31/2001	200	Commercial	CHANGE SIGN
	00-3163	10/03/2000	10/31/2001	28,969	Commercial	REPAIR SPALLING & PAINT
	01-0002	01/02/2001	10/31/2001	1,035	Commercial	ELECTRICAL
	01-2902	08/16/2001	10/31/2001	20,000	Commercial	A/C

Parcel Value History

Certified Roll Values.

View Taxes for this Parcel.

Roll Year	Total Bldg Value	Total Misc Improvement Value	Total Land Value	Total Just (Market) Value	Total Assessed Value	School Exempt Value	School Taxable Value
2008	772,504	770	641,550	1,414,824	1,414,824	1,414,824	0
2007	701,442	770	641,550	1,343,762	1,343,762	1,343,762	0
2006	779,263	770	468,825	1,248,858	1,248,858	1,248,858	0
2005	788,220	770	419,475	1,208,465	1,208,465	1,208,465	0
2004	806,128	770	320,775	1,127,673	1,127,673	1,127,673	0
2003	806,128	770	148,050	954,948	954,948	954,948	0
2002	806,128	770	148,050	954,948	954,948	954,948	0
2001	746,802	770	148,050	895,622	895,622	895,622	0
2000	746,802	357	123,375	870,534	870,534	870,534	0
1999	746,802	357	123,375	870,534	870,534	870,534	0
1998	499,032	357	123,375	622,764	622,764	622,764	0
1997	499,032	357	113,505	612,894	612,894	612,894	0
1996	453,665	357	113,505	567,527	567,527	567,527	0
1995	453,665	357	113,505	567,527	567,527	567,527	0
1994	453,665	357	113,505	567,527	567,527	567,527	0
1993	441,605	361	113,505	555,471	555,471	555,471	0
1992	441,600	366	113,505	555,471	555,471	555,471	0
1991	441,596	370	113,505	555,471	555,471	555,471	0
1990	450,198	404	104,869	555,471	555,471	0	555,471
1989	554,811	440	103,635	658,886	658,886	0	658,886
1988	446,350	305	98,700	545,355	545,355	0	545,355
1987	487,827	327	45,340	533,494	533,494	0	533,494
1986	461,379	481	44,415	506,275	506,275	0	506,275
1985	430,718	481	44,415	475,614	475,614	0	475,614
1984	259,415	481	44,415	304,311	304,311	0	304,311
1983	259,415	481	29,189	289,085	289,085	0	289,085
1982	250,100	481	29,189	279,770	279,770	0	279,770

Parcel Sales History

NOTE: Sales do not generally show up in our computer system until about two to three months after the date of sale. If a recent sale does not show up in this list, please allow more time for the sale record to be processed. Thank you for your patience and understanding.

Sale Date	Official Records Book/Page	Price	Instrument	Qualification
12/1/1990	1155 / 42	608,000	WD	U

Monroe County Property Appraiser
Ervin A. Higgs, CFA
P.O. Box 1176
Key West, FL 33041-1176

Interview Documentation

RECORD OF TELEPHONE COMMUNICATION

Information To Build On
Engineering • Consulting • Testing

Date: Various **Time:** _____ **[ ] AM [ ] PM**

[ ] Call To [ ] Call From Name: Mr. Will Shelper

Company: MBI K2M Architecture, Inc. **Phone No.:** 305-294-4011

Project: Key West City Hall and Annex Building **Project No.:** 784-9E007

Regarding: General Site Information

Summary Of Communication & Action Items:

Provided PSI with written authorization, site access and information concerning the facility to be assessed. They forwarded the user questionnaire to the city manager's office.

RECORD OF TELEPHONE COMMUNICATION

Information To Build On
Engineering • Consulting • Testing

Date: Various **Time:** _____ **[ ] AM [ ] PM**

[ ] Call To [ ] Call From Name: Various

Company: City of Key West **Phone No.:** In person

Project: Key West City Hall and Annex Building **Project No.:** 784-9E007

Regarding: General Site Information

Summary Of Communication & Action Items:

They said the subject property was developed in the 1960. Leaks were reported from the UST and the site is in PCPP with funding to be potentially available within the next few years. The site was historically been connected to city water and sewer. They are not aware of any septic systems. They indicated that the subject property was previously residential, but they were aware of a former dry-cleaners to the northeast of the subject property. They provided PSI with a copy of the questionnaire. They are not aware of any environmental liens or AULs.

RECORD OF TELEPHONE COMMUNICATION

psi Information To Build On
Engineering • Consulting • Testing

Date: 7/13/09 **Time:** 1045 **[ ] AM [ ] PM**

[ ] Call To [ ] Call From Name: Mr. Ryan Smith

Company: Monroe County Environmental Health, Lower Keys **Phone No.:** 305-293-7500

Project: Key West City Hall and Annex Building **Project No.:** 784-9E007

Regarding: General Site Information

Summary Of Communication & Action Items:

Left Message

RECORD OF TELEPHONE COMMUNICATION

Information To Build On
Engineering • Consulting • Testing

Date: 7/13/009 **Time:** 0945 **[ ] AM [ ] PM**

[ ] Call To [ ] Call From Name: Ms. Kathy Winston

Company: FDEP **Phone No.:** 561-681-6600

Project: Key West City Hall and Annex Building **Project No.:** 784-9E007

Regarding: General Site Information

Summary Of Communication & Action Items:

Left Message

Data Gap Worksheet

DATA GAP WORKSHEET

Project Name: Key West City Hall
Project Number: 784-9E007
Date: July 23, 2009

Requirement	Status			Other Sources of Information	SDG*
Category Activity	**N/A**	**Complete**	**Incomplete**	**Reference other sources used In coordination with or to augment**	**Blank If None**
User Responsibilities					
User Knowledge and Information		☒	☐		
Environmental Lien and AUL Information		☐	☒	See below	
Environmental Records Review					
Standard Environmental Records Source Information		☒	☐		
Discretionary local environmental record information	☐	☒	☐		
Physical Setting Source					
Standard Physical Setting Information		☒	☐		
Additional Physical Setting Record Information	☐	☒	☐		
Historical Records Review					
Property History Identified to 1940		☒	☐		
Property History Identified to First Developed Use		☐	☒	See below	
Surrounding Property History Information		☒	☐		
Site Reconnaissance					
Observations: Exterior of the Subject Property		☒	☐		
Observations: Interior of the Subject Property	☐	☒	☐		
Current and Past Uses of the Subject Property		☒	☐		

DATA GAP WORKSHEET

Project Name: Key West City Hall
Project Number: 784-9E007
Date: July 23, 2009

Requirement	Status			Other Sources of Information	SDG*
Category Activity	**N/A**	**Complete**	**Incomplete**	**Reference other sources used In coordination with or to augment**	**Blank If None**
Site Reconnaissance (cont.)					
Observations: Adjoining Property		☒	☐		
Current and Past Uses of the Adjoining Property		☒	☐		
Uses of the surrounding Area		☒	☐		
Interviews (with…)					
Current Owner or Identified Key Site Manager		☒	☐		
Non-Residential Major Occupants	☐	☒	☐		
Occupants with operations likely to indicate RECs	☐	☒	☐		
Past owners, operator, and occupants	☒	☐	☒		
If subject property abandoned, owner or occupants of neighboring properties	☒	☐	☐		
State or local government official		☒	☐		

Comments and Explanations

Supporting documentation regarding environmental liens and AULs was not provided to PSI. However, based on information obtained from other from other sources, this does not appear to represent a SDG. The subject property was traced back to 1884; however, it was traced back to its first developed use. This represents historical data failure; however, based on information obtained from other sources, this is not a SDG.

*** SDG = Significant Data Gaps. List Identified SDGs in Section 1.1 of the Report**

Personnel Qualifications

Jeremy A. Cottrell, LEP, CFEA, REA I
Project Manager/Environmental Professional

Year Started with PSI: **2005**
Years Experience with Other Firms: **7**

Education
- Brevard Community College

Certifications/ Registrations/Technical Training
- OSHA 29 CFR 1910.120 HAZWOPER 40 Hour Hazardous Workers
- EPA/AHERA Certified Asbestos Inspector
- EPA/AHERA Certified Asbestos Contractor Supervisor
- NIOSH 582 – Phase Contrast Microscopy Air Sample Analyst
- Licensed Environmental Professional, Florida Registration #343
- Certified Florida Environmental Assessor, Registration #449
- Registered Environmental Assessor I, California, Registration #08239
- Environmental Professional – Phase I ESA, PSI
- PSI Certified Project Manager, 2006
- FDEP Certified Stormwater, Erosion, & Sedimentation Control Inspector, #7026
- Lead Based Paint Inspector
- EPA Certified Lead Risk Assessor
- RMD's LPA-1 XRF Certified

Affiliations/Memberships
- American Industrial Hygiene Association (AIHA)
- Asbestos Analyst Registry (AAR)
- South Florida Association of Environmental Professionals
- Florida Environmental Assessors Association, Inc.

Professional Experience
Mr. Cottrell has over 10 years of experience in the environmental field. Throughout his years in the environmental arena, he has gained field and management experience through various types of projects, including the performance and preparation of Phase I Environmental Site Assessments (ESAs), Phase II ESAs, tank closure assessments, soil and groundwater sampling and analysis plans for impacted sites and landfills, contamination assessments, remedial activities, asbestos and lead building inspections and asbestos air monitoring throughout Florida. These properties have included undeveloped, commercial, marinas, citrus groves, auto salvage yards, and industrial sites.

Representative Phase I/II Environmental Site Assessment Project Experience
- Village of Merrick Park, Coral Gables, Florida – Conducted a Phase I ESA for a shopping mall in Miami-Dade County, the location of a former lumber yard.
- U.S. Sugar Corporation – Conducted Phase I ESA activities on approximately 185,000-acres of agriculturally developed land owned by U.S. Sugar Corporation as part of the South Florida Water Management District Everglades Restoration Program. The Phase I ESA included sugar cane and citrus crops, two sugar mills, and a juice plant.

- Gas Stations, Metro Atlanta, Georgia – Conducted Phase I ESAs for seven gasoline stations. All field work and report preparation was performed for the same client within a two week period.
- Gas Stations, Brownsville, Texas – Conducted Phase I ESAs for six gasoline stations. All field work and report preparation was performed for the same client within a two week period.
- Auto Salvage Yard, West Melbourne Florida – Conducted a Phase I ESA on a site used as a salvage yard since the 1960s. The site utilized an automotive breakdown area, AST containment, septic system and in-ground hydraulic lifts.
- The Pantry #1416, Gainesville Florida – Conducted a Phase I ESA for the former Gainesville Dodge, a site which utilized USTs, underground hydraulic lifts and performed automotive service and repair.
- Miami-Dade County Public Schools (MDCPS) – Conducted Phase I ESAs and National Environmental Policy Act (NEPA) Checklists for existing schools in the Miami Area.
- Shopping Centers, Florida – Conducted Phase I ESAs for shopping plazas throughout Florida. Some shopping centers historically had dry-cleaning facilities that were in the Florida Department of Environmental Protection (FDEP) Dry Cleaning Solvent Cleanup Program.
- Former Marinas, Merritt Island Florida – Conducted Phase I ESAs and Phase II ESAs for two sites formerly used as marinas. They were self-repair sites, where boat maintenance was conducted. Both sites also used USTs and ASTs.
- Leesburg Hospital and vicinity-Leesburg, Florida – Conducted a Phase I ESA for a hospital and adjacent parcels.
- Citrus Groves, Florida – Conducted Phase I and Phase II ESA activities for citrus groves where pesticides and herbicides were applied and utilized ASTs.

Representative Petroleum Project Experience

- Rightway Food Store, Melbourne, Florida – Performed a tank closure and subsequent site assessment report (SAR) for USTs located on the property. Responsibilities included the scheduling, coordinating, and supervision of drilling, and soil and groundwater sampling. Upon completion of the required field activities and laboratory analyses, a Contamination Assessment Report summarizing the activities was prepared for submittal to the local regulatory agency.
- Closure Assessments – Conducted closure assessments for petroleum dispenser replacement throughout Florida. Responsibilities included scheduling, coordinating, sampling activities, groundwater contouring, data interpretation and report preparation.

Representative Non-Petroleum Project Experience

- Former Dodgertown Golf Course, Vero Beach, Florida – Performed assessment, remedial activities, and project management for arsenic contamination in association with the use of monosodium methane arsenate (MSMA) on the property. Responsibilities included the scheduling, coordinating, and supervision of drilling, sampling activities, data interpretation and report preparation. Upon completion of the activities, source removal activities were conducted to remove arsenic impacted soils. The site was granted No further Action (NFA).

- Auto Salvage Unlimited, West Melbourne, Florida - Performed assessment and remedial activities of impacted soil and groundwater at an existing automotive salvage yard. Responsibilities included the scheduling, coordinating, and supervision of drilling, sampling activities, and data interpretation. Upon completion of the activities, a NFA status was provided by the FDEP.
- Melbourne Class III Landfill, Melbourne, Florida – Performed field sampling and project management associated with semi-annual groundwater sampling. Responsibilities included scheduling, coordinating, sampling activities, groundwater contouring, data interpretation and report preparation, in order to ensure that the site was in accordance with the FDEP approved Monitoring Plan Implementation Schedule (MPIS).
- Former Tyco Facility, Melbourne, Florida - Performed field sampling and project management associated with semi-annual groundwater sampling. Responsibilities included scheduling, coordinating, sampling activities, groundwater contouring, data interpretation and report preparation from activities on the site, a former chemical plant.

Representative Asbestos Project Experience

- Brevard Housing Authority, Brevard County, Florida – Conducted asbestos surveys in several housing authority projects throughout Brevard County.
- Former Delta Resort, Orlando, Florida – Conducted air monitoring, oversight and analysis during asbestos abatement at a former hotel resort consisting of five seven story buildings.
- JC Penney Corporation – Conducted asbestos delineation surveys for JC Penney stores throughout Florida.
- JC Penney's – Conducted air monitoring, oversight and analysis during renovation activities at stores located in Altamonte Springs, Merritt Island, Gainesville and Ft. Myers, Florida.
- Former Apartment Complex, Cocoa Beach, Florida – Conducted a demolition asbestos survey for a 360-unit apartment complex.
- Former Radisson Resort, Marco Island, Florida – Conducted an asbestos survey for a 16-story hotel resort scheduled for demolition.
- Rollins College, Winter Park, Florida – Conducted asbestos surveys for buildings throughout the campus grounds. The surveys included sampling of visible building materials and pipe insulation.
- Undisclosed Clients – Conducted asbestos surveys for miscellaneous construction, renovation and demolition activities throughout Kennedy Space Center, Cape Canaveral Air Force Station, and Patrick Air Force Base in Brevard County.

Professional Service Industries, Inc.

All Appropriate Inquiries Environmental Professional

Jeremy Cottrell

Meets the education, training, and experience requirements as set forth in 40 CFR §312.10

December 22, 2006

Chief Learning Officer

Professional Service Industries, Inc.

All Appropriate Inquiries Environmental Professional

Vicki Lewis

Meets the education, training, and experience requirements as set forth in 40 CFR §312.10

October 4, 2006

Chief Learning Officer

Professional Service Industries, Inc.

All Appropriate Inquiries Environmental Professional

Jeremy Cottrell

Meets the education, training, and experience requirements as set forth in 40 CFR §312.10

December 22, 2006

Chief Learning Officer

Supplemental Documentation

Florida Department of Environmental Protection
Bureau of Petroleum Storage Systems
Storage Tank/Contaminated Facility
Latitude/Longitude Search
07/09/2009

You selected the following criteria:
Radius = 1 Mile(s)
Latitude = 24: 33: 16 Longitude = 81: 48: 1

Latitude	Longitude	Facility ID, Name, Address		
24:32:50	81:47:39	9300660 Wyndham Reach Resort 1435 Simonton St Key West, FL	Facility Type: Facility Status: Cleanup Status: County:	C-Fuel user/Non-retail OPEN No Contamination 44-MONROE
24:32:53	81:47:25	9300799 Wyndham Casa Marina 1500 Reynolds St Key West, FL	Facility Type: Facility Status: Cleanup Status: County:	C-Fuel user/Non-retail OPEN No Contamination 44-MONROE
24:32:53	81:48:02	9401132 Key West City Wwtp Lift Station A 250 Amelia St Key West, FL	Facility Type: Facility Status: Cleanup Status: County:	H-Local Government CLOSED No Contamination 44-MONROE
24:32:59	81:47:43	8839969 Tony Herce Plumbing Inc 633 United St Key West, FL	Facility Type: Facility Status: Cleanup Status: County:	C-Fuel user/Non-retail CLOSED No Contamination 44-MONROE
24:33:01	81:47:52	9804406 Monroe Cnty-Gato Bldg #K46 1100 Simonton St Key West, FL	Facility Type: Facility Status: Cleanup Status: County:	I-County Government OPEN No Contamination 44-MONROE
24:33:02	81:47:44	8511942 Scottys Lumber 700 Catherine St Key West, FL	Facility Type: Facility Status: Cleanup Status: County:	C-Fuel user/Non-retail CLOSED No Contamination 44-MONROE
24:33:04	81:47:56	8511960 Texaco Station 500 Truman Ave Key West, FL	Facility Type: Facility Status: Cleanup Status: County:	A-Retail Station CLOSED Ongoing 44-MONROE
24:33:05	81:47:53	8511943 Scottys Lumber #96 530 Truman Ave Key West, FL	Facility Type: Facility Status: Cleanup Status: County:	C-Fuel user/Non-retail CLOSED No Contamination 44-MONROE
24:33:05	81:47:57	8841231 Peaches Of Key West 925 Duval St Key West, FL	Facility Type: Facility Status: Cleanup Status: County:	C-Fuel user/Non-retail CLOSED No Contamination 44-MONROE
24:33:05	81:48:18	9101950 Key West City-Diesel Plant Angela St Key West, FL	Facility Type: Facility Status: Cleanup Status: County:	H-Local Government CLOSED Completed 44-MONROE
24:33:07	81:48:00	9101760	Facility Type:	C-Fuel user/Non-retail

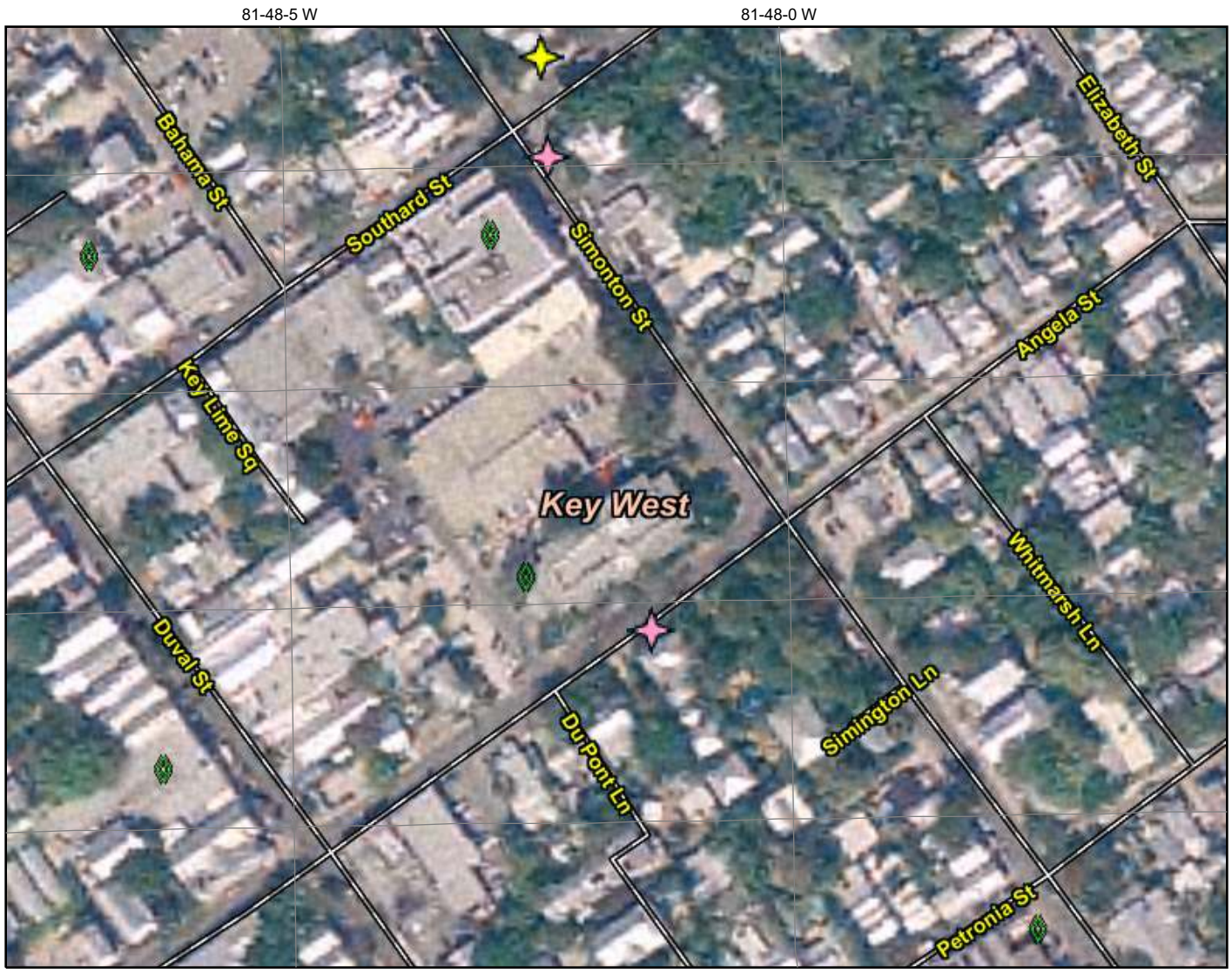
		Boas Tire Service	Facility Status:	CLOSED
		825 Duval St	Cleanup Status:	Application
		Key West, FL	County:	44-MONROE
24:33:08	81:47:52	8841232	Facility Type:	C-Fuel user/Non-retail
		Moped Hospital	Facility Status:	CLOSED
		601 Truman Ave	Cleanup Status:	Application
		Key West, FL	County:	44-MONROE
24:33:11	81:48:08	8732429	Facility Type:	C-Fuel user/Non-retail
		Marine Bank	Facility Status:	CLOSED
		701 Whitehead St	Cleanup Status:	Application
		Key West, FL	County:	44-MONROE
24:33:13	81:47:58	9400281	Facility Type:	C-Fuel user/Non-retail
		Simonton St Property	Facility Status:	CLOSED
		800 Simonton St	Cleanup Status:	Application
		Key West, FL	County:	44-MONROE
24:33:14	81:47:15	8628219	Facility Type:	H-Local Government
		Monroe Cnty School Bd-Maintenance	Facility Status:	CLOSED
		1314 United St	Cleanup Status:	Ongoing
		Key West, FL	County:	44-MONROE
24:33:14	81:48:15	8624737	Facility Type:	G-State Government
		Fl Keys Aqueduct Auth-Key West Plt	Facility Status:	OPEN
		301 Southard St	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE
24:33:15	81:47:22	8734121	Facility Type:	C-Fuel user/Non-retail
		Firestone #05m5-004359	Facility Status:	CLOSED
		1201 White St	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE
24:33:15	81:48:06	9045875	Facility Type:	C-Fuel user/Non-retail
		Privet Fuel Co	Facility Status:	CLOSED
		710 Duval St	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE
24:33:15	81:48:15	9103267	Facility Type:	I-County Government
		Monroe Cnty-Key West Courthouse	Facility Status:	OPEN
		500 Whitehead St	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE
24:33:16	81:47:23	9400072	Facility Type:	C-Fuel user/Non-retail
		Atermio & Patricia Ann Crespo	Facility Status:	CLOSED
		1119 White St	Cleanup Status:	Ongoing
		Key West, FL	County:	44-MONROE
24:33:16	81:48:03	9200099	Facility Type:	H-Local Government
		Key West City-City Hall	Facility Status:	CLOSED
		525 Angela St	Cleanup Status:	Ongoing
		Key West, FL	County:	44-MONROE
24:33:17	81:48:17	9103265	Facility Type:	I-County Government
		Monroe Cnty Key West Courthouse Annex	Facility Status:	OPEN
		310 Fleming St	Cleanup Status:	Not Required
		Key West, FL	County:	44-MONROE
24:33:18	81:47:36	9500386	Facility Type:	6-Dryclean-related other
		Elite Cleaners	Facility Status:	CLOSED

		1001 Truman Avenue	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE
24:33:19	81:48:03	8734177	Facility Type:	C-Fuel user/Non-retail
		Southern Bell-Key West M2655	Facility Status:	CLOSED
		530 Southard St	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE
24:33:19	81:48:07	9807526	Facility Type:	C-Fuel user/Non-retail
		Walgreen Store #7089	Facility Status:	OPEN
		527 Duval St	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE
24:33:21	81:47:29	8511704	Facility Type:	A-Retail Station
		Dion'S Quick Mart #2	Facility Status:	OPEN
		1127 Truman Ave	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE
24:33:21	81:47:33	8839988	Facility Type:	C-Fuel user/Non-retail
		Roberts Plumbing Contractors Inc	Facility Status:	CLOSED
		917 Frances St	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE
24:33:22	81:47:25	9602046	Facility Type:	I-County Government
		Monroe Cnty-Harvey Govt Ctr	Facility Status:	OPEN
		1200 Truman Ave	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE
24:33:22	81:47:30	8511701	Facility Type:	A-Retail Station
		Chevron-Truman & White	Facility Status:	OPEN
		1126 Truman Ave	Cleanup Status:	Application
		Key West, FL	County:	44-MONROE
24:33:22	81:47:30	8624736	Facility Type:	A-Retail Station
		Citgo-Uixk Mer #2	Facility Status:	CLOSED
		1127 Truman Ave	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE
24:33:25	81:48:01	9501424	Facility Type:	1-Drycleaner
		Universal Cleaners	Facility Status:	OPEN
		510 Elizabeth St	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE
24:33:26	81:48:25	8944051	Facility Type:	C-Fuel user/Non-retail
		Truman Annex Co Mainland	Facility Status:	CLOSED
		Front St	Cleanup Status:	Completed
		Key West, FL	County:	44-MONROE
24:33:28	81:47:12	9806184	Facility Type:	H-Local Government
		Key West City-Police Dept	Facility Status:	OPEN
		1604 N Roosevelt Blvd	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE
24:33:29	81:47:13	9700975	Facility Type:	C-Fuel user/Non-retail
		Key West Public Safety & Fire Stat	Facility Status:	OPEN
		1600 N Roosevelt Blvd	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE
24:33:29	81:48:13	9800116	Facility Type:	C-Fuel user/Non-retail
		Hard Rock Cafe	Facility Status:	OPEN
		313 Duval St	Cleanup Status:	No Contamination

		Key West, FL	County:	44-MONROE
24:33:30	81:47:16	9300075	Facility Type:	C-Fuel user/Non-retail
		Garrison Bight Investors	Facility Status:	CLOSED
		1605 N Roosevelt Blvd	Cleanup Status:	Report Of Discharge Received
		Key West, FL	County:	44-MONROE
24:33:33	81:47:03	8732241	Facility Type:	C-Fuel user/Non-retail
		Mr Submarine	Facility Status:	CLOSED
		1800 N Roosevelt Blvd	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE
24:33:34	81:47:02	8624735	Facility Type:	A-Retail Station
		Circle K #5333	Facility Status:	OPEN
		1890 N Roosevelt Blvd	Cleanup Status:	Ongoing
		Key West, FL	County:	44-MONROE
24:33:35	81:48:16	9800050	Facility Type:	C-Fuel user/Non-retail
		Moores Paint & Body	Facility Status:	CLOSED
		513 Greene St	Cleanup Status:	Not Required
		Key West, FL	County:	44-MONROE
24:33:36	81:47:49	9101599	Facility Type:	C-Fuel user/Non-retail
		Eden House	Facility Status:	CLOSED
		425 Grinnell St	Cleanup Status:	Completed
		Key West, FL	County:	44-MONROE
24:33:38	81:48:17	8511968	Facility Type:	C-Fuel user/Non-retail
		Manley Deboer Lumber Co	Facility Status:	CLOSED
		110 Simonton St	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE
24:33:38	81:48:21	8624712	Facility Type:	C-Fuel user/Non-retail
		Conch Tour Train Inc	Facility Status:	CLOSED
		501 Front St	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE
24:33:39	81:48:10	8839946	Facility Type:	V-Marine/Coastal Fuel Storage
		Key West Bight	Facility Status:	CLOSED
		631 Greene St	Cleanup Status:	Report Of Discharge Received
		Key West, FL	County:	44-MONROE
24:33:40	81:47:22	9102883	Facility Type:	V-Marine/Coastal Fuel Storage
		Garrison Bight Marina Inc	Facility Status:	OPEN
		711 Eisenhower Dr	Cleanup Status:	Ongoing
		Key West, FL	County:	44-MONROE
24:33:40	81:48:04	9102068	Facility Type:	C-Fuel user/Non-retail
		Singleton Seafood Properties	Facility Status:	CLOSED
		201 William St	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE
24:33:40	81:48:12	9600777	Facility Type:	V-Marine/Coastal Fuel Storage
		A & B Marina	Facility Status:	OPEN
		700 Front St	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE
24:33:40	81:48:16	8628215	Facility Type:	C-Fuel user/Non-retail
		Front St Commercial Ltd Partnership	Facility Status:	CLOSED
		101 Simonton St	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE

24:33:41	81:48:03	9202807	Facility Type:	V-Marine/Coastal Fuel Storage
		Key West Bight Marina	Facility Status:	OPEN
		231 Margaret St	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE
24:33:41	81:48:50	8626055	Facility Type:	C-Fuel user/Non-retail
		Truman Annex Co Fuel Island	Facility Status:	CLOSED
		201 Front St	Cleanup Status:	Completed
		Key West, FL	County:	44-MONROE
24:33:42	81:47:46	9804161	Facility Type:	C-Fuel user/Non-retail
		Manley Deboer Lumber Co	Facility Status:	OPEN
		1109 Eaton St	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE
24:33:42	81:47:48	8624729	Facility Type:	C-Fuel user/Non-retail
		Aaa Cooper Transportation	Facility Status:	CLOSED
		1101 Eaton St	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE
24:33:43	81:47:25	8944558	Facility Type:	H-Local Government
		Key West City Dept Of Transportation	Facility Status:	OPEN
		627 Palm Ave	Cleanup Status:	Report Of Discharge Received
		Key West, FL	County:	44-MONROE
24:33:43	81:47:25	8511753	Facility Type:	I-County Government
		Key West City	Facility Status:	CLOSED
		627 Palm Ave	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE
24:33:43	81:47:58	8735043	Facility Type:	V-Marine/Coastal Fuel Storage
		Conch Harbor Marina	Facility Status:	OPEN
		951 Caroline St	Cleanup Status:	Ongoing
		Key West, FL	County:	44-MONROE
24:33:44	81:47:56	9802172	Facility Type:	H-Local Government
		Key West Bight Ferry Terminal	Facility Status:	OPEN
		201 Grinnell St	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE
24:33:46	81:47:52	9100309	Facility Type:	H-Local Government
		Key West City-Power Plant	Facility Status:	CLOSED
		Trumbo Rd	Cleanup Status:	Completed
		Key West, FL	County:	44-MONROE
24:33:51	81:47:53	9202971	Facility Type:	I-County Government
		Monroe Cnty School Bd-Transportation	Facility Status:	OPEN
		252 White St	Cleanup Status:	No Contamination
		Key West, FL	County:	44-MONROE

Consolidated Application



Legend

- Site Investigation Section Sites
- Dry Cleaning Program Sites
- ICR Sites
- Solid Waste Test Sites
- Solid Waste Facilities
- Facility
- General Disposal Area
- Waste Processing Area
- STCM All Registered Facilities
- Waste Cleanup Sites
- State Funded Hazardous Waste Sites
- Superfund (NPL) Hazardous Waste Sites
- Treaters, Storers, Disposers (from CHAZ)
- Large Quantity Generators (from CHAZ)
- County Small Quantity Generators (from CHAZ)
- Small Quantity Generators (from CHAZ)
- Hazardous Waste Compliance (CHAZ)
- Brownfield Areas
- Brownfield Sites with BSRAs
- Street Map
- EPA Pilots
- Cities (census places)

Scale: 1:1,852

Map center: 622697, 63445

[Florida Department of Environmental Protection] Disclaimer: This map is intended for display purposes only. It was created using data from different sources collected at different scales, with different levels of accuracy, and/or covering different periods of time.

Notes: Map produced on Thu Jul 09 16:44:30 EDT 2009

20011

Sandra Walters CONSULTANTS, INC.
formerly Sandra Kay Barrett, M.A.

LOWER KEYS & KEY WEST (305) 294-1238
UPPER KEYS (305) 664-2342
MIAMI (305) 661-4928
FAX (305) 294-2164
E-MAIL: swcinc@bellsouth.net

August 22, 2003

TEAM 6
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Ecology & Environment

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DEPARTMENT OF
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BUREAU OF PETROLEUM
STORAGE SYSTEMS
DOCUMENT MANAGEMENT
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Philip A. Barbaccia
Environmental Administrator, South District
Florida Department of Environmental Protection
P.O. Box 2549
Fort Myers, FL 33902-2549

Attn: Bill Newmyer

Subject: Key West City Hall, FDEP Facility ID #4492000099

Dear Mr. Barbaccia:

We are pleased to submit three copies of a No Further Action Proposal for the Key West City Hall property, Monroe County, Florida. Enclosed with the proposal is a Declaration of Restrictive Covenant agreed to by the property owner, the City of Key West, committing to institutional controls in conformance with requirements specified in Ch. 62-770.680(2), Florida Administrative Code. We believe these measures will thoroughly protect public health and safety and allow the Department to issue a NFA Order with Conditions for this property. Janet Muccino with Key West Engineering Services is the City's project manager, and she can be reached at (305) 296-0232.

Please call if you wish to discuss this report. We look forward to your expeditious review and positive conclusion.

Sincerely,

SANDRA WALTERS CONSULTANTS, INC.

Sandra Walters
Project Manager

INDUSTRY AND ENVIRONMENT

James R. Brush, P.E.
Project Engineer
Florida Registration No. 48504

RECEIVED
SEP 08 2003
D.E.P. - South District

NO FURTHER ACTION PROPOSAL

KEY WEST CITY HALL
525 Angela Street, Key West, Florida
FDEP Facility ID #4492000099

Prepared for:

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
South District
P.O. Box 2549
Fort Myers, FL 33902-2549

Issue Date: **8/22/03**

Prepared by:

SANDRA WALTERS
Project Manager

JAMES R. BRUSH, P.E.
Florida Registration # 48504

Sandra Walters CONSULTANTS, INC.
600 White Street, Suite 5, Key West, FL 33040
(305) 294-1238 • FAX (305) 294-2164

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FIGURES

TABLES

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2	September 3, 1992 Sampling Data	10
3	January 16, 1996 Sampling Data	13
4	November 8, 1999 Groundwater Testing and Analysis Report (text and current data only)	45
5	June 26, 2000 Natural Attenuation Monitoring Plan (text only)	17
6	November 14, 2000 NAMP Addendum 1 (text and data only)	25
7	December 29, 2000 memorandum by William Newmyer, P.G.	2
8	August 26, 2001 NAMP First Semi-Annual Monitoring Report (text and data only)	15
9	October 12, 2001 memorandum by William Newmyer, P.G.	1
10	Data from October 31, 2001 Sampling Event	6
11	January 10, 2002 letter regarding well update from Key West Engineering Services	3
12	Data from January 11, 2002 Sampling Event	10
13	Data from June 19, 2002 Sampling Event	12
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15	City of Key West Declaration of Restrictive Covenant	4
16	Key West City Hall Ownership Verification	3
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1.0 INTRODUCTION

Sandra Walters Consultants, Inc. (SWC) has prepared this No Further Action Proposal for the Key West City Hall property, located at 525 Angela Street, Key West, Florida. Monitoring of petroleum contamination in the groundwater at this site has been conducted since 1992. SWC has compiled the data of groundwater samples, collected from onsite wells during eight monitoring events that occurred between January 1996 and July 2003, to demonstrate trends of petroleum contamination levels in the vicinity, and to determine a proposed future course of action in conformance with requirements specified for No Further Action with Conditions (Ch. 62-770.680(2), Florida Administrative Code (FAC)). Groundwater contamination is limited to a small area, contaminant levels are not substantially above applicable criteria, and institutional controls preventing use of shallow groundwater at the property will adequately protect public health and safety.

1.1 Site Description

The subject property is located between Simonton and Duval streets, bordered to the east by the City parking garage and to the west by several businesses reached primarily from Duval Street (see figures). Except for a small grass and dirt area to the west of the businesses, all the vicinity is impervious, with asphalt paving or buildings.

Potable water is supplied by the Florida Keys Aqueduct Authority. Wastewater is collected by a central system and treated offsite. There is a freshwater lens floating on saltwater underlying the site, and the groundwater level varies with the tides. There are no freshwater wells used for potable or non-potable purposes (i.e., landscape irrigation) within ¼ mile of the property. Stormwater collection inlets are located within the parking structure immediately east of the site, and small grass areas to the west collect some surface runoff.

1.2 Site History

According to City engineering staff, an underground fuel storage tank was located in the vicinity of monitoring well (MW) number 1 (see Figure 1). This tank was removed in 1992, a closure assessment form was filed (see Attachment 1), and testing found contaminated groundwater (see Attachment 2). In 1996, an additional 2-inch diameter monitoring well was installed (MW-12) on private property adjacent to the City property, and samples were taken from this and all other monitoring wells in the vicinity. Results and recommendations were provided to the City in a report dated March 1996 (see Attachment 3). Additional testing of groundwater from all monitoring wells (with the exception of MW-12, which could not be found) was conducted in October 1999, and the results provided in both a November 8, 1999 monitoring report (see Attachment 4) and the June 2000 NAMP (see Attachment 5). Additional sampling and analysis of groundwater from MWs 1, 6, 8 and 10 was conducted in October 2000 and an NAMP addendum submitted (see Attachment 6) that resulted in DEP approval in December 2000 of a scope of work for an NAMP (see

Attachment 7), which included site-specific compliance standards for benzene of 400 ppb for MW 10 (Natural Attenuation Default Source) and 40 ppb for MW 2 (Groundwater Criteria). Sampling and analysis of MWs 10 and 2, along with measurement of water levels in MWs 1, 5, 6 and 8 and DW 1, took place in April 2001 in conformance with the NAMP and a report filed in September 2001 (see Attachment 8).

A memorandum issued by William Newmyer with Ecology and Environment, Inc. for DEP on October 12, 2001agreed that increased contaminant levels from MW 10 were probably due to a cracked well cap, but directed that additional action would be needed if levels continued high at the next monitoring event (see Attachment 9). Sampling and retesting in October/November 2001 still found elevated levels of Ethylbenzene in MW 10, but all other contaminants had decreased (see Attachment 10).

In a December 11, 2001 telephone conversation with Mr. Newmyer, the possibility of a No Further Action (NFA) with Conditions determination for the site was discussed. Mr. Newmyer suggested that a list of wells within ¼ mile of the site (FAX'd by Mr. Newmyer to the SWC office) be updated and that MWs 2, 10, 5 and 6 be resampled. He noted that, if none of the wells remained active and contaminants were within levels set in the NAMP approval memorandum, then circumstances might be acceptable for a favorable determination, with the condition that the City place a restriction on the property that groundwater not be used for any purpose and this restriction would also be necessary on the two adjacent parcels containing MWs 5 and 6.

The list of wells provided by Mr. Newmyer was updated and a letter to that effect from Key West Engineering Services is enclosed as Attachment 11. Retesting of MWs 2, 10, 5 and 6 took place in January 2002. All contaminants were in conformance with NAMP criteria except Ethylbenzene, which had reduced almost 50 percent. However, MW-6, which had tested negative for all contaminants at the last sampling event in October 2000, was found to have Ethylbenzene and Xylene slightly in excess of Groundwater Cleanup Target Levels (GCTLs, the criteria applicable at the property line). The data from this monitoring event is contained in Attachment 12.

Another telephone conversation was held with Mr. Newmyer on May 20, 2002, and he recommended that MWs 2, 10 and 6 be retested, and also a soil sample taken at a location approximately halfway between MWs 10 and 6. Mr. Newmyer noted that, if groundwater contaminant concentrations were lower than was the case in January 2002, and the soil sample was in compliance with applicable standards, then a No Further Action with Conditions application could still be pursued.

MWs 2, 10 and 6 were resampled and tested on June 19, 2002, and a soil sample taken at a location approved by Mr. Newmyer (it was closer to MW-10 than anticipated due to location of underground utility lines in the area). All contaminants found in MW 6 were in compliance with GCTLs, MW 2 continued to test negative for all contaminants, and while Ethylbenzene found in MW 10 remained above the NAMP

standard, it had reduced even further since January 2002. All contaminants detected in the soil sample were well below the applicable standards (see Attachment 13).

On July 11, 2003, MWs 2, 6 and 10 were resampled and tested to ensure that natural attenuation was continuing and contamination levels were lower. It was found that all contamination in MW 2 is below detectable limits. Contaminates in MW 6 have remained in compliance with GCTLs. Contaminate levels found in MW 10 have decreased significantly since the June 2002 sampling event, and all levels are in compliance with Natural Attenuation Default Limits. All outlined criteria have been met for a No Further Action with Conditions, hence this application.

2.0 OBJECTIVES

The purpose and scope of this report is to document the analysis of onsite examination and sample collection conducted since 1992, and to determine that the data contains information adequate to support the conclusion that the applicable No Further Action with Conditions criteria have been met. This report is subject to the General Terms and Limitations contained in Attachment 15.

3.0 DESCRIPTION OF CONTAMINATION

The July 2003 analytical results find dissolved hydrocarbon constituents in excess of applicable GCTLs in MW-10; however, all contaminate levels are below Natural Attenuation Default Limits. No contamination standards were exceeded at MWs 2 and 6. The concentration of Ethylbenzene from MW-10 has continued to decrease since October 2001. The results from all sampling events are presented in relation to relevant criteria in Table 1 and the laboratory analytical report for this sampling event is enclosed as Attachment 14.

The longterm trend in data demonstrates a general overall decrease in contaminant concentration. However, at MW-10, there was an increase between the October 2000 and October 2001 sampling events, believed to have been caused by a cracked well cap. The continuation of a significant downward trend shown in July 2003, following repair of the well cap, supports this conclusion. Levels of Ethylbenzene have decreased from 340 ug/l in June 2002 to 180 ug/l during the July 2003 sampling event. Therefore, levels of Ethylbenzene are now below the Natural Attenuation Default Limit.

Rule 62-770.680 FAC defines conditions under which No Further Action with Conditions can be implemented. The conditions are applied to this site as follows:

(2)(a) Free product does not exist in wells, boreholes, open drainage ditches, open excavations or trenches or on nearby surface water, or petroleum or petroleum products in excess of 0.01 foot in thickness are not present in sewer lines, subsurface utility conduits or vaults, and no other fire or explosive hazard exists as a result of a release of petroleum or petroleum products, or free product removal is not technologically feasible;

There is no free product evident.

(2)(b) For the purposes of Section 376.3071(11)(b)2., F.S., excessively contaminated soil does not exist;

There is no indication of excessively contaminated soil at the property.

(2)(c) Alternative soil cleanup target levels.

Not applicable.

(2)(d) Alternative groundwater cleanup target levels have been established by the real property owner(s) depending on the current or projected use of groundwater and surface water in the vicinity of the site and by agreeing to:

1. The enactment of an institutional control to ensure that the contaminated groundwater will not be utilized, in accordance with the following:

c. for groundwater contamination that is limited to the immediate vicinity of the source area and the area of groundwater contamination is less than 1/4 acre, where it has been demonstrated by a minimum of one year of groundwater monitoring that the groundwater contamination is not migrating away from such localized source area, then the alternative cleanup target levels shall be established through a scientific evaluation. The scientific evaluation (historical data or modeling results, as applicable) must demonstrate that the concentrations of petroleum products' contaminants of concern in groundwater at the property boundary of the real property on which the petroleum contamination originates shall not exceed the background concentrations or the applicable cleanup target levels specified in Chapter 62-777, F.A.C., Table I;

With only two exceptions, contamination levels in excess of applicable standards found in all wells in sampling events since 1992 have shown consistent decreases. In the most recent monitoring event, contamination slightly in excess of applicable standards has been detected in only one well. This indicates that contamination is limited to within the 1/4-acre radius specified above, with monitoring covering a 10-year period, and historical and current data support the conclusion that contaminants do not exceed background concentrations at the property boundary.

4.0 NO FURTHER ACTION PROPOSAL

Sandra Walters Consultants, Inc. proposes that the Department issue a Site Rehabilitation Completion Order for the Key West City Hall property, subject to the institutional controls defined in the attached draft Declaration of Restrictive Covenant (Attachment 15). These controls consist of a prohibition on use for any purpose of the shallow groundwater on the property and on immediately adjacent properties.

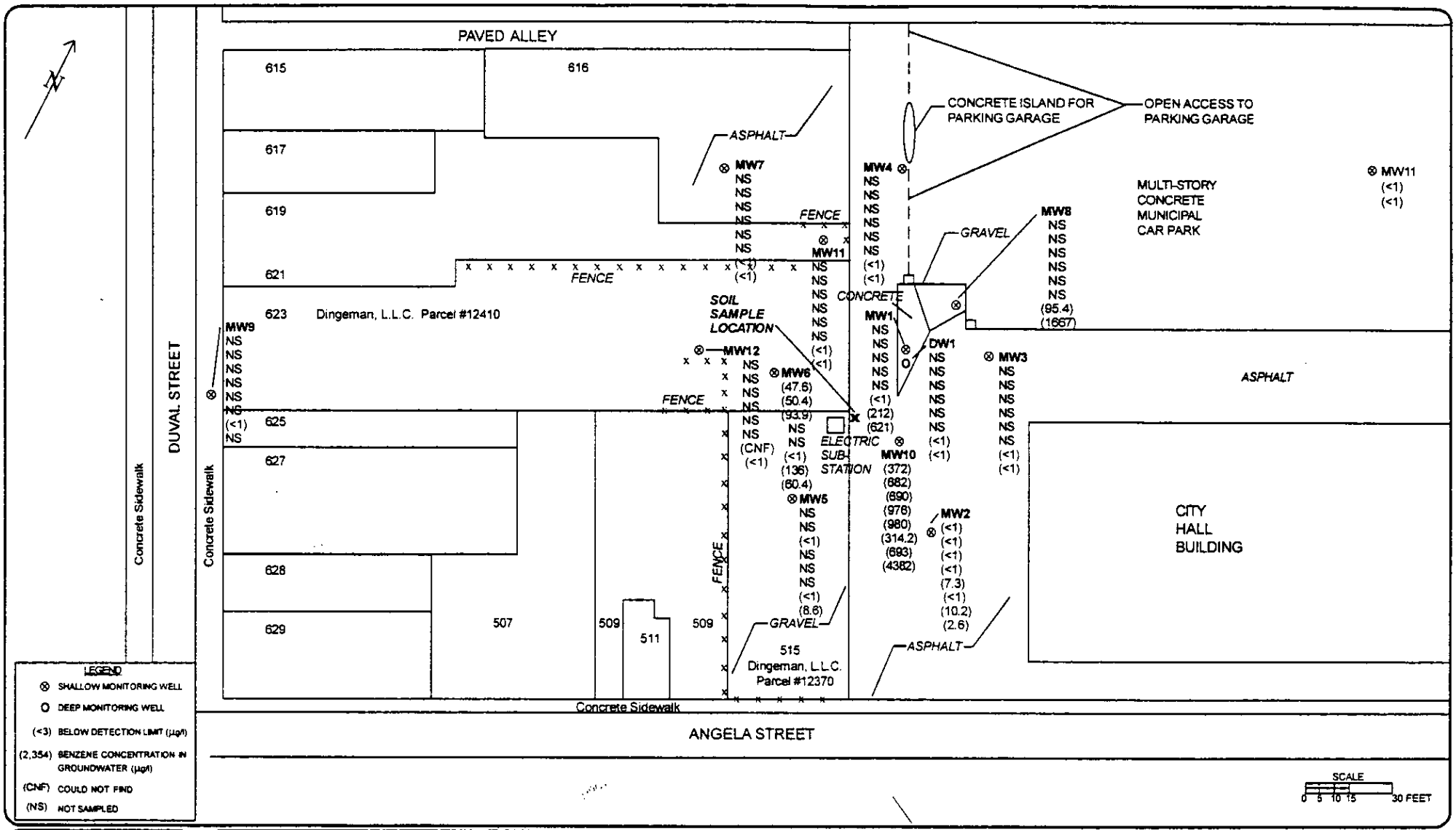
This restriction is reasonable and appropriate, and placement of the restrictive covenant on the applicable property deeds will assure that any future owners will be entirely cognizant of this limitation on the property. The restrictive covenant provides that all standard cleanup criteria in DEP regulations would again apply if shallow groundwater must be used, for any reason.

This is an appropriate and cost-effective course of action because public health and safety is protected, as follows:

- the contaminated groundwater is limited to the area in the immediate vicinity of MW-10, where any disturbance of the ground or human exposure to the remaining contaminants is highly unlikely, as it is covered with asphalt,

- there are no potable or non-potable water wells that could be contaminated, and

- active remediation in the form of soil excavation in this area would be highly disruptive of access to and use of both the subject property and adjacent properties.



Sandra Walters CONSULTANTS, INC.

NOTES: **Concentrations, in parentheses, are listed for each well in the following order:**

1) Samples taken by SWC 7/11/03
2) Samples taken by SWC 06/19/02
3) Samples taken by SWC 01/11/02
4) Samples taken by SWC 10/31/02
5) Samples taken by SWC 04/16/01
6) Samples taken by SWC 10/19/00
7) Samples taken by SWC 10/13/99
8) Samples taken by EMCON 01/16/96

CITY OF KEY WEST
525 ANGELA STREET
KEY WEST, FLORIDA

BTEX CONCENTRATIONS IN GROUNDWATER
7/11/03, 6/19/02, 1/11/02, 10/31/01, 4/16/01, 10/19/00, 10/19/99 AND 1/16/96

FIGURE 1

Historic Comparison of Groundwater Samples from All Wells
Key West City Hall

Well	Sample Date	Chloro-benzene	B Benzene	T Toluene	E Ethyl-benzene	X Xylenes	Total BTEX	MTBE
MW-7	1/16/1996	<1	<1	<1	<1	<1	<1	<1
	10/19/1999	<1	<1	<1	<1	<1	<1	<1
	10/19/2000	NS	NS	NS	NS	NS	NS	NS
	4/16/2001	NS	NS	NS	NS	NS	NS	NS
	10/31/2001	NS	NS	NS	NS	NS	NS	NS
	1/11/2002	NS	NS	NS	NS	NS	NS	NS
	6/19/2002	NS	NS	NS	NS	NS	NS	NS
	7/11/2003	NS	NS	NS	NS	NS	NS	NS
MW-8	1/16/1996	<1	11.1	17.7	1402	236	1667	<1
	10/19/1999	<1	<1	2.8	85	7.6	95.4	<1
	10/19/2000	NS	NS	NS	NS	NS	NS	NS
	4/16/2001	NS	NS	NS	NS	NS	NS	NS
	10/31/2001	NS	NS	NS	NS	NS	NS	NS
	1/11/2002	NS	NS	NS	NS	NS	NS	NS
	6/19/2002	NS	NS	NS	NS	NS	NS	NS
	7/11/2003	NS	NS	NS	NS	NS	NS	NS
MW-9	1/16/1996	NS	NS	NS	NS	NS	NS	NS
	10/19/1999	<1	<1	<1	<1	<1	<1	<1
	10/19/2000	NS	NS	NS	NS	NS	NS	NS
	4/16/2001	NS	NS	NS	NS	NS	NS	NS
	10/31/2001	NS	NS	NS	NS	NS	NS	NS
	1/11/2002	NS	NS	NS	NS	NS	NS	NS
	6/19/2002	NS	NS	NS	NS	NS	NS	NS
	7/11/2003	NS	NS	NS	NS	NS	NS	NS
MW-10	1/16/1996	<1	340	26.8	1615	2400	4382	<1
	10/19/1999	<1	330	22	260	81	693	<1
	10/19/2000	<1	260	11	3.2	40	314.2	<1
	4/16/2001	<1	370	30	450	130	980	<1
	10/31/2001	<1	220	16	620	120	976	<1
	1/11/2002	<1	240	20	360	70	690	<1
	6/19/2002	NS	200	22	340	120	682	<1
	7/11/2003	<1	120	15	180	57	372	<1
MW-11	1/16/1996	<1	<1	<1	<1	<1	<1	<1
	10/19/1999	<1	<1	<1	<1	<1	<1	<1
	10/19/2000	NS	NS	NS	NS	NS	NS	NS
	4/16/2001	NS	NS	NS	NS	NS	NS	NS
	10/31/2001	NS	NS	NS	NS	NS	NS	NS
	1/11/2002	NS	NS	NS	NS	NS	NS	NS
	6/19/2002	NS	NS	NS	NS	NS	NS	NS
	7/11/2003	NS	NS	NS	NS	NS	NS	NS
MW-12	1/16/1996	<1	<1	<1	<1	<1	<1	<1
	10/19/1999	CNF	CNF	CNF	CNF	CNF	CNF	CNF
	10/19/2000	NS	NS	NS	NS	NS	NS	NS
	4/16/2001	NS	NS	NS	NS	NS	NS	NS
	10/31/2001	NS	NS	NS	NS	NS	NS	NS
	1/11/2002	NS	NS	NS	NS	NS	NS	NS
	6/19/2002	NS	NS	NS	NS	NS	NS	NS
	7/11/2003	NS	NS	NS	NS	NS	NS	NS
Ch. 52-770 Table 5 Groundwater Cleanup Target Levels	N/A	Limit not set	40 *	40	30	20	91	50
Ch. 52-770 Table 5 Natural Attenuation Default Limits	N/A	Limit not set	400 *	400	300	200	910	500

Notes:

* Established in December 29, 2000 DEP letter approving Natural Attenuation Monitoring Plan

Cap of monitoring well lost after 10/22/00 sampling event, replaced before next event

All measurements in micrograms per liter

MTBE = methyl-tert-butyl ether CNF = could not find well NS = not sampled

Historic Comparison of Groundwater Samples from All Wells
Key West City Hall

Well	Sample Date	Chloro-benzene	B Benzene	T Toluene	E Ethyl-benzene	X Xylenes	Total BTEX	MTBE
DW-1	1/16/1996	<1	<1	<1	<1	<1	<1	<1
	10/19/1999	<1	<1	<1	<1	<1	<1	<1
	10/19/2000	NS	NS	NS	NS	NS	NS	NS
	4/16/2001	NS	NS	NS	NS	NS	NS	NS
	10/31/2001	NS	NS	NS	NS	NS	NS	NS
	1/11/2002	NS	NS	NS	NS	NS	NS	NS
	6/19/2002	NS	NS	NS	NS	NS	NS	NS
	7/11/2003	NS	NS	NS	NS	NS	NS	NS
MW-1S	1/16/1996	<1	147	27.9	406	40	621	<1
	10/19/1999	<1	91	7.7	96	17	212	2
	10/19/2000	<1	<1	<1	<1	<1	<1	<1
	4/16/2001	NS	NS	NS	NS	NS	NS	NS
	10/31/2001	NS	NS	NS	NS	NS	NS	NS
	1/11/2002	NS	NS	NS	NS	NS	NS	NS
	6/19/2002	NS	NS	NS	NS	NS	NS	NS
	7/11/2003	NS	NS	NS	NS	NS	NS	NS
MW-2	1/16/1996	<1	2.6	<1	<1	<1	2.6	<1
	10/19/1999	<1	5.9	2.1	<1	2.2	10.2	<1
	10/19/2000	<1	<1	<1	<1	<1	<1	<1
	4/16/2001	<1	<1	<1	1.3	6	7.3	<1
	10/31/2001	<1	<1	<1	<1	<1	<1	<1
	1/11/2002	<1	<1	<1	<1	<1	<1	<1
	6/19/2002	NS	<1	<1	<1	<1	<1	<1
	7/11/2003	<1	<1	<1	<1	<1	<1	<1
MW-3	1/16/1996	<1	<1	<1	<1	<1	<1	<1
	10/19/1999	<1	<1	<1	<1	<1	<1	<1
	10/19/2000	NS	NS	NS	NS	NS	NS	NS
	4/16/2001	NS	NS	NS	NS	NS	NS	NS
	10/31/2001	NS	NS	NS	NS	NS	NS	NS
	1/11/2002	NS	NS	NS	NS	NS	NS	NS
	6/19/2002	NS	NS	NS	NS	NS	NS	NS
	7/11/2003	NS	NS	NS	NS	NS	NS	NS
MW-4	1/16/1996	<1	<1	<1	<1	<1	<1	<1
	10/19/1999	<1	<1	<1	<1	<1	<1	<1
	10/19/2000	NS	NS	NS	NS	NS	NS	NS
	4/16/2001	NS	NS	NS	NS	NS	NS	NS
	10/31/2001	NS	NS	NS	NS	NS	NS	NS
	1/11/2002	NS	NS	NS	NS	NS	NS	NS
	6/19/2002	NS	NS	NS	NS	NS	NS	NS
	7/11/2003	NS	NS	NS	NS	NS	NS	NS
MW-5	1/16/1996	<1	8.6	<1	<1	<1	8.6	<1
	10/19/1999	<1	<1	<1	<1	<1	<1	<1
	10/19/2000	NS	NS	NS	NS	NS	NS	NS
	4/16/2001	NS	NS	NS	NS	NS	NS	NS
	10/31/2001	NS	NS	NS	NS	NS	NS	NS
	1/11/2002	<1	<1	<1	<1	<1	<1	<1
	6/19/2002	NS	NS	NS	NS	NS	NS	NS
	7/11/2003	NS	NS	NS	NS	NS	NS	NS
MW-6	1/16/1996	<1	<1	1.5	19.2	39.7	60.4	<1
	10/19/1999	<1	1	8	94	33	136	<1
	10/19/2000	<1	<1	<1	<1	<1	<1	<1
	4/16/2001	NS	NS	NS	NS	NS	NS	NS
	10/31/2001	NS	NS	NS	NS	NS	NS	NS
	1/11/2002	<1	8.3	9.6	54	22	93.9	<1
	6/19/2002	NS	5.5	5.9	25	14	50.4	<1
	7/11/2003	<1	4.8	9.8	25	8	47.6	<1
Ch. 62-770 Table 5 Groundwater Cleanup Target Levels	N/A	Limit not set	40 *	40	30	20	91	50
Ch. 62-770 Table 5 Natural Attenuation Default Limits	N/A	Limit not set	400 *	400	300	200	910	500

00 31 26 – EXISTING ASBESTOS INFORMATION

PART 1 - GENERAL

1.1 RELATED SECTIONS

A. 00 31 19 Existing Condition Information

B. 00 31 24 Environmental Assessment Information

C. 00 31 32 Geotechnical Data

1.2 SUMMARY

A. This Section includes the following:
1. Exhibit “D” 525 Angela Street Asbestos Report

EXHIBIT "D"

ASBESTOS DEMOLITION SURVEY

Of the

KEY WEST CITY HALL
525 ANGELA STREET
KEY WEST, FLORIDA

Prepared for:

MBI-K2M ARCHITECTURE, INC.
525 ANGELA STREET
KEY WEST, FLORIDA 33040

Conducted by:

PROFESSIONAL SERVICE INDUSTRIES, INC.
7950 NW 64th STREET
MIAMI, FLORIDA 33166
(305) 471-7721

PSI PROJECT NUMBER: 784-9A038

AUGUST 25, 2009

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EXECUTIVE SUMMARY

GENERAL

Professional Service Industries, Inc. (PSI) was retained by MBI-K2M Architecture to conduct an Asbestos Demolition Survey of the Key West City Hall Building located at 525 Angela Street in Key West, Florida.

The subject site surveyed consists of a two story structure. The suspect building materials consisted of drywall, interior plaster, exterior plaster, 12" x 12" and 9" x 9" floor tile, carpet mastic, drop down ceiling tile and roofing materials.

PSI conducted this sampling survey in general accordance with the National Emissions Standard for Hazardous Air Pollutants (NESHAP) and the U.S. Environmental Protection Agency (EPA).

Mr. Glenn Potharst of PSI conducted the survey on June 22, 2009. The purpose of the survey was to identify, locate and quantify friable and non-friable suspect asbestos-containing materials located at the subject site. During the survey, a total of one hundred eight (108) samples of suspect asbestos-containing materials (ACM) were collected from thirty-eight (38) homogeneous areas and analyzed by Polarized Light Microscopy (PLM). **Results of laboratory analysis confirmed that the following sampled materials contained greater than one percent (>1%) asbestos.**

MATERIAL DESCRIPTION	% ASBESTOS – TYPE
9" x 9" Gray Floor Tile/Black Mastic	Tile – 3%-4% Chrysotile Mastic - 3% Chrysotile
White Floor Tile (2nd Layer)	Tile – 3% Chrysotile Mastic – NAD
Gray A/C Duct Mastic	7% Chrysotile
Black Pipe Mastic	3% Chrysotile
Floor Tile Under Ceramic Tile	Tile – NAD Mastic – 3% Chrysotile
Textured Ceiling Material	4% Chrysotile
9" x 9" Brown Floor Tile/Mastic	Tile – 2% Chrysotile Mastic – 5% Chrysotile

The EPA considers a homogenous material to be asbestos-containing if at least one sample of this material is greater than one percent (>1%) asbestos.

PURPOSE

The purpose of this study was to provide information regarding the presence of asbestos containing materials at the site, which is planned to be demolished.

PSI warrants that the findings contained herein have been promulgated in general accordance with accepted professional practices at the time of its preparation as applied by professionals in the community.

The report is limited to the information available from the client at the time it was prepared and the conditions existing in the facility at the time of survey. There is a possibility that conditions may exist which could not be identified within the scope of the survey or which were not apparent during the site visit.

As directed by the client, PSI did not provide any service to investigate or detect the presence of moisture, mold or other biological contaminates in or around any structure, or any service that was designed or intended to prevent or lower the risk of the occurrence of the amplification of the same. Client acknowledges that mold is ubiquitous to the environment with mold amplification occurring when building materials are impacted by moisture. Client further acknowledges that site conditions are outside of PSI's control, and that mold amplification will likely occur, or continue to occur, in the presence of moisture. As such, PSI cannot and shall not be held responsible for the occurrence or recurrence of mold amplification.

The Asbestos Survey was performed and a final report prepared by PSI. The report has been included in its entirety in this document for the exclusive use of by MBI-K2M Architecture.

I. INTRODUCTION

Asbestos, commonly referred to as the miracle mineral, has been used as a reinforcement fiber for more than 2,000 years. Due to the abundant availability of the fiber, its acoustical and tensile qualities, and its resistance to fire and chemicals, asbestos has been used extensively in building materials.

However, inhalation of asbestos fibers has been found to be a health hazard to humans, and building owners may be held liable for the presence of the fibers and subsequent inhalation by occupants. Due to these factors, a move is presently underway among building owners in both the public and private sectors to identify any asbestos-containing materials (ACM) in their buildings. This identification is accomplished by building inspections, which are the first step in a plan to effectively control and/or remove any known asbestos-containing materials found.

The main purposes of these inspections are identification of asbestos-containing materials, determination of the potential for exposure within each building and development of budgetary cost estimates for removal and replacement of asbestos-containing materials. Once the asbestos-containing materials are identified and assigned a Priority Level, their removal should be addressed in a phased abatement program. A phased abatement is designed to remove those materials possessing the highest exposure potential (and therefore posing the greatest health risk) first, and then to address the areas with successively lower exposure potentials.

Current EPA statutes address presently friable (easily crumbled) and non-friable materials. Non-friable building materials do not create an environmental exposure unless they are sawn, broken, ripped, or pulverized. However, even materials that are well wrapped and technically non-friable at the time of inspection have the potential to become friable very readily by accidental tearing or other disturbance. It is for this reason, as well as to simply inform the owner of all asbestos-containing materials, that PSI's policy is to address all materials which are potentially friable as well as those presently friable. This report has been organized in a manner that presents the data in several forms to best suit the needs of the building owner. The Quality Control and Method of Quantification section explains our testing and quality control methods. The Petrographic Results section is a listing of samples taken and their asbestos content. The spreadsheets contain detailed information on the locations, types, and quantities of all documented asbestos materials sampled.

II. METHODOLOGY

GENERAL REFERENCES

MBI-K2M Architecture, Inc. authorized PSI to conduct an Asbestos Demolition Survey and to analyze samples taken during the survey.

Asbestos survey and sampling procedures were performed in general accordance with National Emissions Standard for Hazardous Air Pollutants (NESHAP) regulation and the guidelines published by the EPA in 40 CFR Part 763 Subpart E, October 30, 1987, last amended July 3, 1995.

ASBESTOS SAMPLING SURVEY GENERAL ORGANIZATION

The study itself consisted of three major activities: visual observation, sampling, and quantification. Although these activities are listed separately, they are integrated tasks.

VISUAL OBSERVATION

The visual observation of the building was performed by EPA accredited inspector Mr. Glenn Potharst, Certificate No. 133417. The initial building walk-through was conducted to determine the presence and condition of suspect materials. Materials from each of these areas, which were similar in general appearance, were grouped into homogeneous sampling areas. Functional spaces were also identified. Such materials are termed "homogeneous materials" by the EPA. During this walk-through, the approximate quantities of these homogeneous materials were also noted. The survey included investigating the interior and exterior walls and wall cavities.

Following the EPA inspection protocol, each identified suspect homogeneous material was placed in one of the following EPA classifications:

Surfacing Materials (sprayed or trowel applied to building members)

Thermal System Insulation (materials generally applied to various mechanical systems)

Miscellaneous Materials (any materials which do not fit either of the above categories)

SAMPLING PROCEDURES

Following the walk-through of the building, the inspector collected selected samples of materials identified as suspect ACM. Interior walls, exterior walls and cavities were investigated through damaged wall areas or inspection holes which were made.

EPA and NESHAP guidelines were used to determine the sampling protocol. Sampling locations were chosen to be representative of the homogeneous material.

Samples of thermal system insulation (TSI) and miscellaneous materials were taken as randomly as possible while again attempting to sample already damaged areas so as to minimize disturbance of the material. Sampling was scheduled to minimize interference with building occupants. After each sample was extracted, a spray encapsulant was applied to the sampled area to prevent potential fiber release.

QUANTIFICATION

Quantities of building materials, which were suspected of containing asbestos, were estimated. This estimation was performed by taking approximate measurements in the field. Pipe lagging was quantified by linear footage while the actual number of Mudded Joint Packing (MJP)'s was counted. Insulation on mechanical equipment such as boilers and ductwork was quantified by the square footage of the surface area of suspect insulation. Similarly, plasters, ceiling tiles, floor tiles and transite panels were measured in square feet of surface area.

Quantities of accessible and/or exposed building materials, which were suspected of containing asbestos, were estimated. This estimation was performed by taking approximate measurements in the field.

III. THE LABORATORY

All samples collected during this survey were analyzed at PSI's Polarized Light Microscopy Laboratory in Pittsburgh, Pennsylvania. Lab results are computerized for greater efficiency.

A. POLARIZED LIGHT MICROSCOPY LABORATORY ACCREDITATION

Professional Service Industries, Inc. is accredited under the National Institute of Standards and Technology's (NIST) certification program, the National Voluntary Laboratory Accreditation Program (NVLAP). PSI has participated in a quality assurance program, either EPA or NVLAP, since 1983. Our NVLAP Laboratory Number is 101350-0.

B. PSI LABORATORY QUALITY CONTROL PROGRAM

PSI maintains an in-house quality control program in addition to participating in the NVLAP Bulk Sample Quality Assurance Program. Our in-house program consists of blind reanalysis of ten percent of all samples. This reanalysis is done by a designated Quality Control Microscopist. There is also voluntary quality control reanalysis and mandatory source material dependent quality control reanalysis for sample types that are particularly difficult to analyze.

C. METHOD OF ANALYSIS

Analysis was performed by using the bulk sample for visual observation and slide preparation(s) for microscopic examination and identification.

The samples were mounted on slides and then analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/ tremolite), fibrous non-asbestos constituents (mineral wool, paper, etc.) and non-fibrous constituents.

Asbestos was identified by refractive indices, morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics were used to identify the non-asbestos constituents.

The microscopist visually estimated relative amounts of each constituent by determining the volume of each constituent in proportion to the total volume of the sample, using a stereoscope.

The EPA considers a homogeneous material to be asbestos containing if at least one sample of this material is greater than one percent (1%) asbestos. Conversely, EPA considers a homogeneous material to be non-asbestos containing if all the samples of that material contain 1% or less asbestos. When samples of friable materials are analyzed by PLM and found to contain asbestos less than ten (10%) percent, then a more exact method of analysis call point counting may be performed at the client's request. When results of this method are one (1%) percent or less asbestos, then the material is not regulated by the EPA and OSHA as and RACM, however OSHA regulations apply whenever any amount of asbestos, including 1% or less is present in the material.

The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested. This report may not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. Method used: EPA Method for the Determination of Asbestos in Bulk Building Materials (EPA 600R 93/116 July 1993).

IV. FINDINGS AND OBSERVATIONS

The subject site surveyed consists of a two story structure. The suspect building materials consisted of drywall, interior plaster, exterior plaster, 12" x 12" and 9" x 9" floor tile, carpet mastic, drop down ceiling tile and roofing materials.

A total of one hundred and eight (108) samples were collected from thirty-eight (38) homogeneous areas during the survey and were analyzed by PLM. The following table lists each material sampled, sample locations, approximate quantity of material located throughout the surveyed area and percentage of asbestos fibers found in the material sampled.

HOMO. NO.	SAMPLE NO.	MATERIAL DESCRIPTION	SAMPLED LOCATION[1]	APPROX. QUANTITY[2]	% ASBESTOS TYPE	NESHAP CATEGORY
1	1	12" x 12" Black Floor Tile/ Tan Mastic	1st Floor, Mail Room	64 sq. ft.	Tile – NAD Mastic - NAD	N/A [5]
1	2	12" x 12" Black Floor Tile/ Tan Mastic	1st Floor, Mail Room	Included Above	Tile – NAD Mastic - NAD	N/A
1	3	12" x 12" Black Floor Tile/ Tan Mastic	1st Floor, Fire Department – Storage Room	Included Above	Tile – NAD Mastic - NAD	N/A
2	4	9" x 9" Gray Floor Tile/ Mastic	1st Floor, Conference Room Storage Room	400 sq. ft.	Tile – 4% Chrysotile Mastic – Insuff.	Category I Non-friable ACM
2	5	9" x 9" Gray Floor Tile/ Mastic	1st Floor, Conference Room Storage Room	Included Above	Tile – NA[4] Mastic – NA	Category I Non-friable ACM
2	6	9" x 9" Gray Floor Tile/ Black Mastic	2nd Floor, IT Department – Conference Room	Included Above	Tile – 3% Chrysotile Mastic – 3% Chrysotile	Category I Non-friable ACM
3	7	White Baseboard/ Brown Mastic	1st Floor, Conference Room	68 sq. ft.	Baseboard - NAD Mastic - NAD	N/A
3	8	White Baseboard/ Brown Mastic	1st Floor, Conference Room	Included Above	Baseboard - NAD Mastic - NAD	N/A

HOMO. NO.	SAMPLE NO.	MATERIAL DESCRIPTION	SAMPLED LOCATION[1]	APPROX. QUANTITY[2]	% ASBESTOS TYPE	NESHAP CATEGORY
3	9	White Baseboard/ Brown Mastic	1st Floor, Conference Room	Included Above	Baseboard - NAD Mastic - NAD	N/A
4	10	Gold Carpet Mastic	1st Floor, Conference Room	5,328 sq. ft.	NAD	N/A
4	11	Gold Carpet Mastic	Revenue Department	Included Above	NAD	N/A
4	12	Gold Carpet Mastic	HR Department	Included Above	NAD	N/A
5	13	Brown Floor Tile/ Tan Mastic	1st Floor, Conference Room	256 sq. ft.	Floor Tile - NAD Mastic - NAD	N/A
5	14	Brown Floor Tile/ Tan Mastic	1st Floor, Conference Room	Included Above	Floor Tile - NAD Mastic - NAD	N/A
5	15	Brown Floor Tile/ Tan Mastic	1st Floor, Conference Room	Included Above	Floor Tile - NAD Mastic - NAD	N/A
6	16	White Floor Tile/ Tan Mastic	1st Floor, Conference Room	256 sq. ft.	Tile-3% Chrysotile Mastic-NAD	Category I Non-friable ACM
6	17	White Floor Tile/ Tan Mastic	1st Floor, Conference Room	Included Above	Tile-NAD Mastic-NAD	Category I Non-friable ACM
6	18	White Floor Tile/ Tan Mastic	1st Floor, Conference Room	Included Above	Tile-NAD Mastic-NAD	Category I Non-friable ACM
7	19	2' x 2' Worm Hole Ceiling Tile	1st Floor, Closet	868 sq. ft.	NAD	N/A
7	20	2' x 2' Worm Hole Ceiling Tile	Revenue Department	Included Above	NAD	N/A
7	21	2' x 2' Worm Hole Ceiling Tile	Revenue Department	Included Above	NAD	N/A
8	22	Gray Baseboard/ Off-	1st Floor, Lobby	362 sq. ft.	Baseboard - NAD	N/A

HOMO. NO.	SAMPLE NO.	MATERIAL DESCRIPTION	SAMPLED LOCATION[1]	APPROX. QUANTITY[2]	% ASBESTOS TYPE	NESHAP CATEGORY
		white Mastic			Mastic - NAD	
8	23	Gray Baseboard/ Off-white Mastic	2nd Floor, Manager's Office	Included Above	Baseboard - NAD Mastic - NAD	N/A
8	24	Gray Baseboard/ Off-white Mastic	2nd Floor, Lobby	Included Above	Baseboard - NAD Mastic - NAD	N/A
9	25	2' x 2' Perforated Ceiling Tile	1st Floor, Hallway	512 sq. ft.	NAD	N/A
9	26	2'x 2' Perforated Ceiling Tile	2nd Floor, Hallway	Included Above	NAD	N/A
9	27	2'x 2' Perforated Ceiling Tile	2nd Floor, Hallway	Included Above	NAD	N/A
10	28	2' x 4' Worm Hole Ceiling Tile	Revenue Department	512 sq. ft.	NAD	N/A
10	29	2' x 4' Worm Hole Ceiling Tile	Revenue Department	Included Above	NAD	N/A
10	30	2' x 4' Worm Hole Ceiling Tile	Revenue Department	Included Above	NAD	N/A
11	31	Drywall/Joint Compound	1st Floor, Vault	1,920 sq. ft.	Drywall – NAD Joint Compound - NAD	N/A
11	32	Drywall/Joint Compound	City Managers Office	Included Above	Drywall – NAD Joint Compound - NAD	N/A
11	33	Drywall/Joint Compound	Fire Department	Included Above	Drywall – NAD Joint Compound - NAD	N/A
12	34	2' x 2' Pin Hole Ceiling Tile	Revenue Department	200 sq. ft.	NAD	N/A
12	35	2' x 2' Pin Hole Ceiling Tile	Revenue Department	Included Above	NAD	N/A
12	36	2' x 2' Pin Hole	Revenue	Included	NAD	N/A

HOMO. NO.	SAMPLE NO.	MATERIAL DESCRIPTION	SAMPLED LOCATION[1]	APPROX. QUANTITY[2]	% ASBESTOS TYPE	NESHAP CATEGORY
		Ceiling Tile	Department	Above		
13	37	12” x 12” Gray Floor Tile/ Tan Mastic	Revenue Department	768 sq. ft.	Floor Tile - NAD Mastic - NAD	N/A
13	38	12” x 12” Gray Floor Tile/ Tan Mastic	Revenue Department	Included Above	Floor Tile - NAD Mastic - NAD	N/A
13	39	12” x 12” Gray Floor Tile/ Tan Mastic	Revenue Department	Included Above	Floor Tile - NAD Mastic - NAD	N/A
14	40	Replacement Gray Floor Tile/ Tan Mastic	Revenue Department	100 sq. ft.	Floor Tile - NAD Mastic - NAD	N/A
15	41	Brown Baseboard/ Yellow Mastic	Revenue Department	148 sq. ft.	Baseboard - NAD Mastic - NAD	N/A
15	42	Brown Baseboard/ Yellow Mastic	City Clerks Office	Included Above	Baseboard - NAD Mastic - NAD	N/A
15	43	Brown Baseboard/ Yellow Mastic	City Clerks Office	Included Above	Baseboard - NAD Mastic - NAD	N/A
16	44	Yellow Baseboard/ Off-white Mastic	Revenue Department	100 sq. ft.	Baseboard - NAD Mastic - NAD	N/A
16	45	Yellow Baseboard/ Off-white Mastic	Revenue Department	Included Above	Baseboard - NAD Mastic - NAD	N/A
16	46	Yellow Baseboard/ Off-white Mastic	Revenue Department	Included Above	Baseboard - NAD Mastic - NAD	N/A
17	47	White Sheet Vinyl	City Clerks Office	5 sq. ft.	NAD	N/A
18	48	12” x 12” Gray Floor Tile/	Vault	460 sq. ft.	NAD	N/A

HOMO. NO.	SAMPLE NO.	MATERIAL DESCRIPTION	SAMPLED LOCATION[1]	APPROX. QUANTITY[2]	% ASBESTOS TYPE	NESHAP CATEGORY
		Yellow Mastic				
18	49	12" x 12" Gray Floor Tile	Vault	Included Above	NAD	N/A
18	50	12" x 12" Gray Floor Tile/ Yellow Mastic	Vault	Included Above	NAD	N/A
19	51	Tan Baseboard/ Off-white Mastic	Vault	80 sq. ft.	Baseboard - NAD Mastic - NAD	N/A
20	52	Dark Brown Baseboard/ Brown Mastic	Mayor's Office	128 sq. ft.	Baseboard - NAD Mastic - NAD	N/A
20	53	Dark Brown Baseboard/ Brown Mastic	Mayor's Office	Included Above	Baseboard - NAD Mastic - NAD	N/A
20	54	Dark Brown Baseboard/ Brown Mastic	Mayor's Office	Included Above	Baseboard - NAD Mastic - NAD	N/A
21	55	White Textured Ceiling Material	Mayor's Office	768 sq. ft.	NAD	N/A
21	56	White Textured Ceiling Material	Mayor's Office	Included Above	NAD	N/A
21	57	White Textured Ceiling Material	Mayor's Office	Included Above	NAD	N/A
22	58	White A/C Duct Mastic	2nd Floor, Mechanical Room	120 sq. ft.	NAD	N/A
22	59	White A/C Duct Mastic	2nd Floor, Mechanical Room	Included Above	NAD	N/A
22	60	White A/C Duct Mastic	2nd Floor, Mechanical Room	Included Above	NAD	N/A
23	61	Gray A/C Duct Mastic	2nd Floor, Mechanical Room	140 sq. ft.	7% Chrysotile	Category I Non-friable ACM
23	62	Gray A/C Duct Mastic	2nd Floor, Mechanical Room	Included Above	NA	Category I Non-friable ACM
23	63	Gray A/C Duct Mastic	2nd Floor, Mechanical Room	Included Above	NA	Category I Non-friable

HOMO. NO.	SAMPLE NO.	MATERIAL DESCRIPTION	SAMPLED LOCATION[1]	APPROX. QUANTITY[2]	% ASBESTOS TYPE	NESHAP CATEGORY
						ACM
24	64	Black Pipe Mastic	2nd Floor, Mechanical Room	30 sq. ft.	NAD	Category I Non-friable ACM
24	65	Black Pipe Mastic	2nd Floor, Mechanical Room	Included Above	3% Chrysotile	Category I Non-friable ACM
24	66	Black Pipe Mastic	2nd Floor, Mechanical Room	Included Above	NA	Category I Non-friable ACM
25	67	12” x 12” Green Floor Tile/ Black Mastic	IT Department	1,280 sq. ft.	Floor Tile – NAD Mastic - NAD	N/A
25	68	12” x 12” Green Floor Tile/ Black Mastic	IT Department	Included Above	Floor Tile – NAD Mastic - NAD	N/A
25	69	12” x 12” Green Floor Tile/ Black Mastic	Fire Department	Included Above	Floor Tile – NAD Mastic - NAD	N/A
26	70	White Sink Undercoating	Fire Department, Kitchen	2 sq. ft.	NAD	N/A
27	71	Dark Gray Baseboard/ Beige Mastic	Mayor’s Office	96 sq. ft.	Baseboard - NAD Mastic - NAD	N/A
27	72	Dark Gray Baseboard/ Beige Mastic	Mayor’s Office	Included Above	Baseboard - NAD Mastic - NAD	N/A
27	73	Dark Gray Baseboard/ Beige Mastic	Mayor’s Office	Included Above	Baseboard - NAD Mastic - NAD	N/A
28	74	Floor Tile/Black Mastic	2nd Floor (under ceramic tile)	2,110 sq. ft.	Floor Tile – NAD Mastic – 3% Chrysotile	Category I Non-friable ACM
28	75	Floor Tile /Black Mastic	2nd Floor (under ceramic tile)	Included Above	Floor Tile – NAD	Category I Non-

HOMO. NO.	SAMPLE NO.	MATERIAL DESCRIPTION	SAMPLED LOCATION[1]	APPROX. QUANTITY[2]	% ASBESTOS TYPE	NESHAP CATEGORY
					Mastic – 3% Chrysotile	friable ACM
28	76	Floor Tile/Black Mastic	1st Floor (under ceramic tile)	Included Above	Floor Tile – NAD Mastic – 3% Chrysotile	Category I Non-friable ACM
29	77	Gray & Off-white Wall Plaster	2nd Floor	25,488 sq. ft.	NAD	N/A
29	78	Gray & Off-white Wall Plaster	2nd Floor	Included Above	NAD	N/A
29	79	Gray & Off-white Wall Plaster	2nd Floor	Included Above	NAD	N/A
29	80	Gray Wall Plaster	1st Floor	Included Above	NAD	N/A
29	81	Gray Wall Plaster	1st Floor	Included Above	NAD	N/A
30	82	White & Gray Ceiling Plaster	Revenue Department	21,888 sq. ft.	NAD	N/A
30	83	White & Gray Ceiling Plaster	1st Floor	Included Above	NAD	N/A
30	84	White & Gray Ceiling Plaster	2nd Floor	Included Above	NAD	N/A
30	85	White & Gray Ceiling Plaster	2nd Floor	Included Above	NAD	N/A
30	86	White & Gray Ceiling Plaster	2nd Floor	Included Above	NAD	N/A
31	87	Beige Textured Ceiling Material	Mechanical Room	280 sq. ft.	4% Chrysotile	RACM
31	88	Beige Textured Ceiling Material	Mechanical Room	Included Above	NA	RACM
31	89	Beige Textured Ceiling Material	Mechanical Room	Included Above	NA	RACM
32	90	Gray Exterior Plaster	South Side	8,320 sq. ft.	NAD	N/A
32	91	Gray Exterior Plaster	Vault Building	Included Above	NAD	N/A
32	92	Gray Exterior Plaster	North side	Included Above	NAD	N/A
33	93	Black Roof Felt	North Side	11,712 sq. ft.	NAD	N/A
33	94	Black Roof Felt	Center Area	Included Above	NAD	N/A

HOMO. NO.	SAMPLE NO.	MATERIAL DESCRIPTION	SAMPLED LOCATION(1)	APPROX. QUANTITY(2)	% ASBESTOS TYPE	NESHAP CATEGORY
33	95	Black Roof Felt	Southwest Side	Included Above	NAD	N/A
34	96	Black Roof Cement	Storage Building	46 sq. ft.	NAD	N/A
34	97	Black Roof Cement	A/C Vent	Included Above	NAD	N/A
34	98	Black Roof Cement	Pitch Pans	Included Above	NAD	N/A
35	99	Black Roof Flashing	Storage Building	556 sq. ft.	NAD	N/A
35	100	Black Roof Flashing	South Side	Included Above	NAD	N/A
35	101	Black Roof Flashing	A/C unit	Included Above	NAD	N/A
36	102	Black Roof Shingle	North Side	256 sq. ft.	NAD	N/A
36	103	Black Roof Shingle	South Side	Included Above	NAD	N/A
36	104	Black Roof Shingle	East Side	Included Above	NAD	N/A
37	105	White A/C Duct Mastic	Roof	20 sq. ft.	NAD	N/A
38	106	9” x 9” Brown Floor Tile / Black Mastic	Manager’s Office	256 sq. ft.	Floor Tile – 2% Chrysotile Mastic – 5% Chrysotile	Category I Non-friable ACM
38	107	9” x 9” Brown Floor Tile/ Black Mastic	Manager’s Office	Included Above	NA	Category I Non-friable ACM
38	108	9” x 9” Brown Floor Tile/ Black Mastic	Manager’s Office	Included Above	NA	Category I Non-friable ACM

(1) Location material was sampled.
(2) Approximate quantity located throughout the surveyed area; sq. ft. = square feet, lin. ft. = linear feet.
(3) NAD – No Asbestos Detected
(4) NA – Not Analyzed
(5) N/A- Not Applicable

V. CONCLUSIONS

ASBESTOS CONTAINING MATERIALS

Materials identified to contain asbestos minerals:

- 9” x 9” Gray Floor Tile/Black Mastic
- White Floor Tile (2nd Layer)
- Gray A/C Duct Mastic
- Black Pipe Mastic
- Floor Tile Under Ceramic Tile
- Textured Ceiling Material
- 9” x 9” Brown Floor Tile/Mastic

NON-ASBESTOS CONTAINING MATERIALS

Asbestos was not detected in the following PSI sampled and analyzed materials:

- 12” x 12” Black Floor Tile/ Mastic
- White Baseboard/ Mastic
- Carpet Mastic
- Brown Floor Tile/Mastic
- 2’ x 2’ Wormhole Ceiling Tile
- Gray Baseboard/ Mastic
- 2’ x 2’ Perforated Ceiling Tile
- 2’ x 4’ Wormhole Ceiling Tile
- Drywall/Joint Compound
- 2’ x 2’ Pinhole Ceiling Tile
- 12” x 12” Gray Floor Tile/Mastic
- Replacement Floor Tile
- Brown Baseboard/Mastic
- Yellow Baseboard/Mastic
- White Sheet Vinyl
- Tan Baseboard/Mastic
- Dark Brown Baseboard/Mastic
- Textured Ceiling Material (popcorn)
- White A/C Duct Mastic
- Gray A/C Duct Mastic
- 12” x 12” Green Floor Tile/Mastic
- White Sink Undercoating
- Dark Gray Baseboard/Mastic
- Wall Plaster
- Ceiling Plaster
- Exterior Plaster
- Roof Felt

- Roof Cement
- Roof Flashing
- Roof Shingle
- White A/C Duct Mastic

The asbestos containing floor tiles and associated mastics, gray A/C duct mastic and the black pipe mastic are considered to be Category I asbestos-containing materials per EPA NESHAPS 40 CFR Part 61, Subpart M. These materials do not pose a significant exposure problem unless sawn, drilled, sanded, or structurally altered in a way which could make it become friable. They were observed to be in fair condition at the time of the survey. These materials may be left in place during demolition as long as the contractor complies with all requirements of the NESHAP regulation and OSHA asbestos regulations. The requirements of these regulations include, but are not limited to, the use of proper engineering controls, worker/supervisor training, and proper handling of asbestos waste. Based on the complexity of these regulations, PSI recommends that the non-friable asbestos containing materials be removed by a Florida licensed asbestos abatement contractor utilizing proper abatement procedures prior to demolition of the building. The abatement procedures should be in accordance with OSHA 29 CFR Part 1926.1101, and documentary air monitoring to verify compliance with the OSHA regulation is recommended. Afterwards, all the demolition debris can be disposed-of as regular construction debris or recycled.

The beige textured ceiling material is considered to be friable, asbestos-containing materials. "Friability" refers to the propensity of a material to crumble under hand pressure when dry. Friable materials are more likely to release asbestos fibers into the environment than non-friable materials and are, therefore, considered more hazardous. The NESHAP regulation requires that this material be removed prior to demolition of the building. Again, this removal should be conducted by a Florida licensed asbestos abatement contractor utilizing proper abatement procedures, with documentary air monitoring conducted by a third party. Until this asbestos-containing material is removed, PSI recommends an Operation and Maintenance (O&M) Plan be implemented based on the present condition of these materials.

It should be noted that a Notice of Asbestos Renovation or Demolition form is required to be filed with the appropriate district office of the Florida Department of Environmental Protection (FDEP) at least ten business days prior to starting removal of the RACM. A separate 10 day notification to FDEP is required at least ten business days prior to starting demolition of the structure.

If any additional suspect materials are encountered that have not been tested, or if any materials are found that were not visible at the time of the survey, they should be presumed to be asbestos-containing until laboratory testing proves otherwise.

APPENDICES

APPENDIX A

GLOSSARY OF TERMS

APPENDIX A

GLOSSARY OF TERMS

ABATEMENT — Procedures to control fiber release from asbestos-containing building materials. Includes encapsulation, enclosure, and removal.

AIR MONITORING — The process of measuring fiber content of a specific volume of air in a stated period of time.

AMBIENT EXPOSURE — Exposure to environmental fiber concentrations (i.e., the normal concentration of fibers in an area prior to the disturbance of asbestos-containing materials).

AMENDED WATER — Water to which a surfactant has been added to increase its penetrating capabilities.

ASBESTOS — A defined group of naturally occurring minerals that separate into fibers. There are six asbestos minerals used commercially: Chrysotile, amosite, crocidolite, anthophyllite, tremolite, and actinolite.

ASBESTOS-CONTAINING MATERIAL — Product containing a percentage of asbestos equal to or greater than the limits established by the appropriate federal, state, or local governing authority.

CONTAINMENT — Isolation of the work area from the rest of the building to prevent escape of asbestos fibers.

DECONTAMINATION ENCLOSURE SYSTEM — A series of connected rooms, with curtained doorways between any two adjacent rooms, for the decontamination of workers or material and equipment. A decontamination enclosure system always contains at least one air lock.

DELAMINATION — The separation of individual layers of a multi-layered building material, such as the delamination of the layers in a sheet of plywood.

ENCAPSULATE — To surround or penetrate with an adhesive matrix to prevent release of fibers.

ENCLOSURE — An airtight barrier constructed around ACBM to prevent fiber release.

GLOSSARY OF TERMS
(continued)

EXPOSURE (HUMAN) — The presence of people in an area where levels of an airborne contaminant are elevated. A more technical definition sometimes found in specific literature is: The total amount of airborne contaminant inhaled by a person, typically approximated by the product of concentration and duration.

FIBROUS — Contains or is composed of fibers.

FRIABLE — Descriptive term referring to material which, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

HEPA FILTER — A High Efficiency Particulate Air filter capable of trapping and retaining 99.97% of mono-dispersed particles greater than 0.3 microns in size.

HEPA VACUUM — A specialized vacuum which uses HEPA filters; the process of using a HEPA vacuum.

HOMOGENEOUS MATERIAL — Material similar in appearance, color, texture, and date of application.

PEAK EXPOSURE — Exposure at the time of disturbance to asbestos-containing material which creates relatively high fiber concentrations.

PREVALENT LEVELS — Levels of airborne contaminant occurring under normal conditions.

PETROGRAPHIC — Pertaining to the description of systematic classification of minerals.

REMOVAL — All herein specified procedures necessary to strip all asbestos materials from the designated areas to dispose of these materials at an acceptable site.

SUBSTRATE — The substance beneath a finish surface, such as the scratch coat and brown coat under finish plaster.

APPENDIX B

PETROGRAPHIC BULK SAMPLE RESULTS

REPORT OF BULK SAMPLE ANALYSIS FOR ASBESTOS

TESTED FOR: PSI, Inc.
7950 N.W. 64 Street
Miami, FL 33166
Attn: Glenn Potharst

Project ID: 784-9A038
MBI-K2M Architecture
Key West City Hall
525 Angela Street

Date Received: 7/9/2009 **Date Completed:** 7/13/2009 **Date Reported:** 7/13/2009

Analyst: CK **Work Order:** 0907172

Client ID	Lab ID (Layer)	Sample Description (Color, Texture, Etc.) *Analyst's Comment*	Asbestos Content (Percent and Type)	Non-asbestos Fibers (Percent and Type)
1-1	001A	(1) Black, Floor Tile, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Tan, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
1-2	002A	(1) Black, Floor Tile, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Tan, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
1-3	003A	(1) Black, Floor Tile, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Tan, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
2-4	004A	(1) Tan, Floor Tile, Homogeneous	**4% Chrysotile**	None Reported
		Insufficient mastic on samples 4 and 5		
2-5	005A	**Sample Not Tested**		
2-6	006A	(1) Beige, Floor Tile, Homogeneous	**3% Chrysotile**	None Reported
		(2) Black, Mastic, Homogeneous	**3% Chrysotile**	None Reported
3-7	007A	(1) White, Baseboard, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Brown, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
3-8	008A	(1) White, Baseboard, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Brown, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
3-9	009A	(1) White, Baseboard, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Brown, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
4-10	010A	(1) Gold, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
4-11	011A	(1) Gold, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported

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Respectfully submitted,
PSI, Inc.

Maureen L. Sammons

Approved Signatory
Maureen Sammons

Client ID	Lab ID (Layer)	Sample Description (Color, Texture, Etc.) *Analyst's Comment*	Asbestos Content (Percent and Type)	Non-asbestos Fibers (Percent and Type)
4-12	012A	(1) Gold, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
5-13	013A	(1) Gray, Floor Tile, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Tan, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
5-14	014A	(1) Gray, Floor Tile, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Tan, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
5-15	015A	(1) Gray, Floor Tile, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Tan, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
6-16	016A	(1) Tan, Floor Tile, Homogeneous	**3% Chrysotile**	None Reported
		(2) Tan, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
6-17	017A	(1) White, Floor Tile, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Tan, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
6-18	018A	(1) White, Floor Tile, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Tan, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
7-19	019A	(1) White, Ceiling Tile, Homogeneous	**NO ASBESTOS DETECTED**	35% Cellulose Fiber 35% Fibrous Glass
7-20	020A	(1) White, Ceiling Tile, Homogeneous	**NO ASBESTOS DETECTED**	35% Cellulose Fiber 35% Fibrous Glass
7-21	021A	(1) White, Ceiling Tile, Homogeneous	**NO ASBESTOS DETECTED**	35% Cellulose Fiber 35% Fibrous Glass
8-22	022A	(1) Gray, Baseboard, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Off-White, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
8-23	023A	(1) Gray, Baseboard, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Off-White, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
8-24	024A	(1) Gray, Baseboard, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Off-White, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
9-25	025A	(1) White, Ceiling Tile, Homogeneous	**NO ASBESTOS DETECTED**	35% Cellulose Fiber 35% Fibrous Glass

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Respectfully submitted,
PSI, Inc.

Maureen L. Sammons

Approved Signatory
Maureen Sammons

Client ID	Lab ID (Layer)	Sample Description (Color, Texture, Etc.) *Analyst's Comment*	Asbestos Content (Percent and Type)	Non-asbestos Fibers (Percent and Type)
9-26	026A	(1) White, Ceiling Tile, Homogeneous	**NO ASBESTOS DETECTED**	35% Cellulose Fiber 35% Fibrous Glass
9-27	027A	(1) White, Ceiling Tile, Homogeneous	**NO ASBESTOS DETECTED**	35% Cellulose Fiber 35% Fibrous Glass
10-28	028A	(1) Beige, Ceiling Tile, Homogeneous	**NO ASBESTOS DETECTED**	20% Fibrous Glass 60% Cellulose Fiber
10-29	029A	(1) Beige, Ceiling Tile, Homogeneous	**NO ASBESTOS DETECTED**	20% Fibrous Glass 60% Cellulose Fiber
10-30	030A	(1) Beige, Ceiling Tile, Homogeneous	**NO ASBESTOS DETECTED**	20% Fibrous Glass 60% Cellulose Fiber
11-31	031A	(1) Gray, Drywall, Homogeneous	**NO ASBESTOS DETECTED**	2% Fibrous Glass 10% Cellulose Fiber
		(2) White, Joint Compound, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
11-32	032A	(1) Gray, Drywall, Homogeneous	**NO ASBESTOS DETECTED**	2% Fibrous Glass 5% Cellulose Fiber
		(2) White, Joint Compound, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
11-33	033A	(1) Gray, Drywall, Homogeneous	**NO ASBESTOS DETECTED**	10% Fibrous Glass 20% Cellulose Fiber
		(2) White, Joint Compound, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
12-34	034A	(1) White, Ceiling Tile, Homogeneous	**NO ASBESTOS DETECTED**	35% Cellulose Fiber 35% Fibrous Glass
12-35	035A	(1) White, Ceiling Tile, Homogeneous	**NO ASBESTOS DETECTED**	35% Cellulose Fiber 35% Fibrous Glass

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Respectfully submitted,
PSI, Inc.

Maureen L. Sammons

Approved Signatory
Maureen Sammons

Client ID	Lab ID (Layer)	Sample Description (Color, Texture, Etc.) *Analyst's Comment*	Asbestos Content (Percent and Type)	Non-asbestos Fibers (Percent and Type)
12-36	036A	(1) White, Ceiling Tile, Homogeneous	**NO ASBESTOS DETECTED**	35% Cellulose Fiber 35% Fibrous Glass
13-37	037A	(1) Gray, Floor Tile, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Tan, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
13-38	038A	(1) Gray, Floor Tile, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Tan, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
13-39	039A	(1) Gray, Floor Tile, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Tan, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
14-40	040A	(1) Gray, Floor Tile, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Tan, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
15-41	041A	(1) Brown, Baseboard, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Yellow, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
15-42	042A	(1) Brown, Baseboard, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Yellow, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
15-43	043A	(1) Brown, Baseboard, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Yellow, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
16-44	044A	(1) Yellow, Baseboard, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Off-White, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
16-45	045A	(1) Yellow, Baseboard, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Off-White, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
16-46	046A	(1) Yellow, Baseboard, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Off-White, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
17-47	047A	(1) White, Vinyl Sheeting, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
18-48	048A	(1) Gray, Floor Tile, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Yellow, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
18-49	049A	(1) Gray, Floor Tile, Homogeneous *No mastic*	**NO ASBESTOS DETECTED**	None Reported
18-50	050A	(1) Gray, Floor Tile, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Yellow, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported

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Respectfully submitted,
PSI, Inc.

Maureen L. Sammons

Approved Signatory
Maureen Sammons

Client ID	Lab ID (Layer)	Sample Description (Color, Texture, Etc.) *Analyst's Comment*	Asbestos Content (Percent and Type)	Non-asbestos Fibers (Percent and Type)
19-51	051A	(1) Tan, Baseboard, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Off-White, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
20-52	052A	(1) Brown, Baseboard, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Brown, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	2% Wollastonite
20-53	053A	(1) Brown, Baseboard, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Beige, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
20-54	054A	(1) Brown, Baseboard, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Beige, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported

Report Notes: **(PT) Point Count Results**

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Respectfully submitted,
PSI, Inc.

Maureen L. Sammons

Approved Signatory
Maureen Sammons

REPORT OF BULK SAMPLE ANALYSIS FOR ASBESTOS

TESTED FOR: PSI, Inc.
7950 N.W. 64 Street
Miami, FL 33166
Attn: Glenn Potharst

Project ID: 784-9A038
MBI-K2M Architecture
Key West City Hall
525 Angela Street

Date Received: 7/9/2009 **Date Completed:** 7/13/2009 **Date Reported:** 7/13/2009

Analyst: SB **Work Order:** 0907173

Client ID	Lab ID (Layer)	Sample Description (Color, Texture, Etc.) *Analyst's Comment*	Asbestos Content (Percent and Type)	Non-asbestos Fibers (Percent and Type)
21-55	001A	(1) White, Texture, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
21-56	002A	(1) White, Texture, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
21-57	003A	(1) White, Texture, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
22-58	004A	(1) White, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	4% Cellulose Fiber
22-59	005A	(1) White, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	4% Cellulose Fiber
22-60	006A	(1) White, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	4% Cellulose Fiber
23-61	007A	(1) Gray, Mastic, Homogeneous	**7% Chrysotile**	None Reported
23-62	008A	**Sample Not Tested**		
23-63	009A	**Sample Not Tested**		
24-64	010A	(1) Black, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
24-65	011A	(1) Black, Mastic, Homogeneous	**3% Chrysotile**	None Reported
24-66	012A	**Sample Not Tested**		
25-67	013A	(1) Green, Floor Tile, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Black, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		Black And Yellow Mastics Inseparable		

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Respectfully submitted,
PSI, Inc.

Maureen L. Sammons

Approved Signatory
Maureen Sammons

Client ID	Lab ID (Layer)	Sample Description (Color, Texture, Etc.) *Analyst's Comment*	Asbestos Content (Percent and Type)	Non-asbestos Fibers (Percent and Type)
25-68	014A	(1) Green, Floor Tile, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Black, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		Black And Yellow Mastics Inseparable		
25-69	015A	(1) Green, Floor Tile, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Black, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		Black And Yellow Mastics Inseparable		
26-70	016A	(1) White, Sink Undercoating, Homogeneous	**NO ASBESTOS DETECTED**	10% Cellulose Fiber
27-71	017A	(1) Green, Baseboard, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Beige, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
27-72	018A	(1) Green, Baseboard, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Beige, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
27-73	019A	(1) Green, Baseboard, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Beige, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
28-74	020A	(1) Green, Floor Tile, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Black, Mastic, Homogeneous	**3% Chrysotile**	None Reported
		Black And Yellow Mastics Inseparable		
28-75	021A	(1) Tan, Floor Tile, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Black, Mastic, Homogeneous	**3% Chrysotile**	None Reported
		Black And Yellow Mastics Inseparable		
28-76	022A	(1) Tan, Floor Tile, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Black, Mastic, Homogeneous	**3% Chrysotile**	None Reported
		Black And Yellow Mastics Inseparable		
29-77	023A	(1) Gray, Plaster, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Off-White, Plaster, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
29-78	024A	(1) Gray, Plaster, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Off-White, Plaster, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
29-79	025A	(1) Gray, Plaster, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Off-White, Plaster, Homogeneous	**NO ASBESTOS DETECTED**	None Reported

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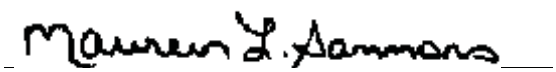
Respectfully submitted,
PSI, Inc.



Approved Signatory
Maureen Sammons

Client ID	Lab ID (Layer)	Sample Description (Color, Texture, Etc.) *Analyst's Comment*	Asbestos Content (Percent and Type)	Non-asbestos Fibers (Percent and Type)
29-80	026A	(1) Gray, Plaster, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
29-81	027A	(1) Gray, Plaster, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
30-82	028A	(1) White, Plaster, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Gray, Plaster, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
30-83	029A	(1) White, Plaster, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Gray, Plaster, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
30-84	030A	(1) White, Plaster, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Gray, Plaster, Homogeneous	**NO ASBESTOS DETECTED**	1% Cellulose Fiber
30-85	031A	(1) White, Plaster, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Gray, Plaster, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
30-86	032A	(1) White, Plaster, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
		(2) Gray, Plaster, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
31-87	033A	(1) Beige, Texture, Homogeneous	**4% Chrysotile**	None Reported
31-88	034A	**Sample Not Tested**		
37-89	035A	**Sample Not Tested**		
32-90	036A	(1) Gray, Plaster, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
32-91	037A	(1) Gray, Plaster, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
32-92	038A	(1) Gray, Plaster, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
33-93	039A	(1) Black, Felt, Homogeneous	**NO ASBESTOS DETECTED**	5% Cellulose Fiber 10% Synthetic Fiber 10% Fibrous Glass
33-94	040A	(1) Black, Felt, Homogeneous	**NO ASBESTOS DETECTED**	10% Synthetic Fiber 10% Fibrous Glass
33-95	041A	(1) Black, Felt, Homogeneous	**NO ASBESTOS DETECTED**	10% Synthetic Fiber 10% Fibrous Glass

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Respectfully submitted,
PSI, Inc.

Approved Signatory
Maureen Sammons

Client ID	Lab ID (Layer)	Sample Description (Color, Texture, Etc.) *Analyst's Comment*	Asbestos Content (Percent and Type)	Non-asbestos Fibers (Percent and Type)
34-96	042A	(1) Black, Roofing, Homogeneous *Cement*	**NO ASBESTOS DETECTED**	10% Cellulose Fiber
34-97	043A	(1) Black, Roofing, Homogeneous *Cement*	**NO ASBESTOS DETECTED**	10% Cellulose Fiber
34-98	044A	(1) Black, Roofing, Homogeneous *Cement*	**NO ASBESTOS DETECTED**	10% Cellulose Fiber
35-99	045A	(1) Black, Flashing, Homogeneous	**NO ASBESTOS DETECTED**	15% Synthetic Fiber
35-100	046A	(1) Black, Flashing, Homogeneous	**NO ASBESTOS DETECTED**	5% Cellulose Fiber 15% Synthetic Fiber
35-101	047A	(1) Black, Flashing, Homogeneous	**NO ASBESTOS DETECTED**	5% Cellulose Fiber 15% Synthetic Fiber
36-102	048A	(1) Black, Shingle, Homogeneous	**NO ASBESTOS DETECTED**	20% Fibrous Glass
36-103	049A	(1) Black, Shingle, Homogeneous	**NO ASBESTOS DETECTED**	20% Fibrous Glass
36-104	050A	(1) Black, Shingle, Homogeneous	**NO ASBESTOS DETECTED**	20% Fibrous Glass
37-105	051A	(1) White, Mastic, Homogeneous	**NO ASBESTOS DETECTED**	None Reported
37-106	052A	(1) Tan, Floor Tile, Homogeneous (2) Black, Mastic, Homogeneous	**2% Chrysotile** **5% Chrysotile**	None Reported None Reported
37-107	053A	**Sample Not Tested**		
37-108	054A	**Sample Not Tested**		

Report Notes: **(PT) Point Count Results**

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Respectfully submitted,
PSI, Inc.

Maureen L. Sammons

Approved Signatory
Maureen Sammons

APPENDIX C

STAFF CERTIFICATES

Asbestos Consulting & Training Systems

38419.4332CERT/BIR

900 N.W. 5TH Avenue, Fort Lauderdale, Florida 33311 (954) 524-7208

Processed By:

Seagull

To Authenticate Certificate:
www.seagulltraining.com
1-800-966-9933

This is to Certify that

Glenn Pothast

462-33-5408

7324 SW 112 CT , Miami ,FL

has successfully completed an English

Asbestos Building Inspection Refresher

9-Mar-09 TO 9-Mar-09

Individual above has completed the requsite training for accreditation under TSCA Title II

Meets state requirements of 326 IAC (IDEM) and FL49-0001020/CN-0006273.

NDAAC Provider #451 Trainer(s): Mark Knick

Training Address: 900 NW 5th Ave, Fort Lauderdale, FL 33311

Successful course completion based on exam score on: 03/09/09

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 AND 15 U.S.C. 2615), I CERTIFY THAT THIS TRAINING COMPLIES WITH ALL APPLICABLE REQUIREMENTS OF TITLE II OF THE "TOXIC SUBSTANCE CONTROL ACT", 40 CFR PART 763, OR TSCA AND ANY OTHER APPLICABLE FEDERAL, STATE OR LOCAL REQUIREMENTS, AS AMENDED.

James F. Stump, Course Sponsor

Certificate Number..... 133417

This Certificate Expires:

9-Mar-10 03/09/10

Course Number SE0910

July 20, 2009

Mbi|k2m Architecture, Inc.
1001 Whitehead Street
Key West, Florida 33040

Attention: Mr. William Shepler, Project Manager

Re: Report of Geotechnical Engineering Services
City of Key West Administration Building Complex – Angela Street Site
Intersection of Angela Street and Simonton Street
Key West, Florida
PSI Project No. 397-95037

Dear Mr. Shepler:

Professional Service Industries, Inc. (PSI) has completed a geotechnical engineering study in connection with the noted project. Our services were provided in general accordance with PSI Proposal No. P0-397-950016, dated February 17, 2009. Authorization to proceed was by means of a subcontract agreement dated June 9, 2009.

1.0 BACKGROUND

The subject site is located at the intersection of Angela Street and Simonton Street in Key West, Florida. A site vicinity map identifying the project location with respect to existing streets and features is presented on **Sheet 1** of the **Appendix**.

Based on review of the supplied information, it is our understanding that the proposed development will include the construction of the following elements:

- The construction of a 26,000 square-foot (sf) administration building.
- A three bay, 7,200 sf, replacement Fire Station with living quarters and support space.
- A four level parking garage.

The administration building and fire station will both be two-stories with a combined footprint of 166 feet by 138 feet, whereas, the footprint of the parking garage will be 62 feet by 213 feet. Maximum wall and column loads for this project were provided to us by Mr. James T. Lange, P.E., with TKW Consulting Engineers to be 13 kips/foot and 500 kips, respectively.

We are aware that on similar projects in Monroe County, the foundation design required the use of rock anchors to address uplift forces. We have assumed this to be required for this project.

At the time of our study, the area of the proposed development existed as an operational City of Key West administration facility consisting of office buildings and paved parking/drive areas. Photographs from our site visit are presented on **Sheet 2** of the **Appendix**. Lastly, we have assumed that less than two (2) feet of additional fill will be required to achieve Finished Floor Elevation (FFE).

If any of the noted information is incorrect or has changed, please notify PSI so that we may amend the recommendations presented in this report, if appropriate.

2.0 FIELD EXPLORATIONS AND SUBSURFACE CONDITIONS

2.1 STANDARD PENETRATION TEST (SPT) BORINGS

To evaluate subsurface conditions at the site, we drilled/sampled 12 SPT borings to depths of 8 and 25 feet below grade using the techniques of ASTM D-1586. The SPT borings were performed at the approximate locations shown on **Sheet 3** of the **Appendix**.

After seating the sample spoon six inches, the number of successive blows required to drive the sampler twelve inches into the soil constitutes the test result commonly referred to as the "N" value. The “N” value has been empirically correlated with various soil properties and is considered to be indicative of the relative density of cohesionless soils and the consistency of cohesive materials. The SPT borings were performed using a CME-55 truck mounted drill rig equipped with an automatic hammer. The recovered split spoon samples were visually classified in the field and transported to the laboratory for further review.

2.2 PERCOLATION TESTS

As requested by Mr. Allen Perez, P.E., with Perez Engineering, PSI performed one percolation test at the site (B-5/P-1). The test was performed in general accordance with the South Florida Water Management District (SFWMD) procedures for the "Usual Condition Constant Head" Percolation Test. SPT sampling was performed simultaneously as the borehole was advanced to a depth of 5 feet below the existing ground surface using a 6-inch diameter casing. A 4-inch diameter perforated PVC pipe was placed in the borehole prior to retrieving the casing. Water was then pumped into the borehole in order to raise the water level as close to the ground surface as possible. Once the inflow equalized with the outflow rate, the average pumping rate and level of the water for this stabilized flow rate was recorded.

The hydraulic conductivity value determined from the test is presented in **Table 1** of the **Appendix**. The value is in units of cubic feet of flow per second, per square foot of seepage area, per foot of head (cfs/ft^2-ft). The tabulated value is an ultimate value. The designer should apply an appropriate factor of safety.

2.3 SUBSURFACE AND GROUNDWATER CONDITIONS

Soil samples collected from the borings were visually reviewed in the laboratory by a geotechnical engineer to confirm the field classification. The samples were stratified in general accordance with the Unified Soil Classification System (USCS).

The soil types encountered at the boring locations are presented in the form of a Generalized Soil Profile on **Sheet 4** of the **Appendix**. Detailed individual boring logs are also presented in the **Appendix**. The stratification presented is based on visual observation of the recovered soil samples and the interpretation of field logs by a geotechnical engineer. Included with the profiles are the N-values and groundwater levels measured at the time the SPT borings were drilled.

The results of our borings performed for the study generally revealed an asphalt, topsoil or exposed fill cover, which was in turn underlain by a layer of fill material consisting of varying amounts of fine sand, limerock and silt. Below the fill stratum, the borings encountered fine sand and moderately

cemented limestone strata to the maximum termination depth of the exploration at 25 feet below grade.

Exceptions to the generalized conditions were noted in two separate instances. In borings B-1, B-5 and B-6 a stratum of soils with a predominant silt matrix was encountered in the upper 4 feet of the subsurface profile. Additionally, fill material composed with significant amounts of brick fragments were noted in boring B-7 in the 2.0 to 2.5 foot depth interval.

The groundwater table was observed within the SPT borings at depths of 5.8 to 7.7 feet below existing grade at the time of drilling.

It should be noted that groundwater levels fluctuate seasonally in response to tidal changes, rainfall and the infiltration rate of the soil. At a time of the year different from the time of drilling, there is a possibility of a change in the recorded levels. We estimate that during the peak of the wet hydroperiod, with rainfall and recharge at a maximum, groundwater levels at the site could be one to two feet higher than those reported herein.

We recommend that the contractor determine the actual groundwater levels at the time of the construction to assess groundwater impacts on the construction procedure.

2.4 LABORATORY TESTING

In addition to visually stratifying the soils, select samples were tested to determine pertinent engineering properties/parameters. Testing included moisture content determinations and percentage passing no. 200 sieve. The laboratory tests were carried out in general accordance with appropriate Florida Methods (FM) and ASTM procedures. The results of the laboratory tests have been noted on the individual boring logs adjacent to the depth increment of the test specimen.

3.0 FOUNDATION RECOMMENDATIONS

3.1 GENERAL

After completion of site preparation procedures as noted in **Section 4.0** of the report, the proposed building can be supported on shallow foundations that are designed using a maximum net allowable bearing pressure of 3,000 pounds per square feet (psf), resting on compacted approved structural fill material or densified suitable native soils.

The bottom of the footings should be at least 18 inches below the finished exterior grade in order to provide confinement. We further recommend that the footings supporting isolated columns have a minimum width of 36 inches and continuous strip footings have a minimum width of 18 inches, even if those dimensions produce a bearing pressure less than the allowable. The purpose of limiting the footing size is to prevent a "punching" shear failure and to reduce the possibility of bearing on an isolated weak zone.

The contractor should anticipate a high resistance to excavation activities (i.e. during footing excavation, as well as during the installation of below grade utilities) as limestone was encountered at relatively shallow depths. The limestone formation may require the use of special equipment and breaking tools during construction excavation work and activities.

Foundations subject to transient lateral loads will resist these forces through a combination of base shearing resistance mobilized at the footing-subgrade interface and earth pressure acting on the vertical faces of the footings at right angles to the direction of applied load. Base shearing resistance may be determined using a friction factor of 0.55. Passive earth pressure resistance should be computed using an equivalent fluid pressure of 180 pounds per square foot per foot of depth, for granular backfill material. Resistance to sliding determined in accordance with the noted parameters should be considered available/ultimate resistance. Accordingly, the design for sliding resistance should include a factor of safety. We recommend that a factor of safety of at least 1.5 be used.

To calculate the resistance of a footing to uplift forces, a prismatic failure block with vertical faces should be assumed above the footing base. The resisting forces will be provided by the combination of footing weight, overburden soil weight in the failure block, and shearing resistance along the faces of the soil block. The weight of the soil above the water table should be taken as 110 pounds per cubic foot (pcf). For submerged soil, a buoyant weight of 48 pcf should be used. The factor of safety against uplift should not be less than 1.5.

3.2 SETTLEMENT OF SHALLOW FOUNDATIONS

The amount of settlement of a structure founded on top of granular soils is primarily governed by the elastic compressibility of the material, the size and depth of its foundations, and the pressure imposed on the supporting materials by the foundations. Based on the field test data obtained, our experience with similar structures and empirical relationships for bearing capacity and settlement, we have estimated that the maximum total settlement of the foundations will be less than one inch. Differential settlement, between adjacent foundations, should be approximately one-half of the total settlement movement. Distortions that occur along the wall footings due to differential settlement are not expected to be more than 1 in 400.

Compacted structural fill that will provide support to the footings have very low compressibility characteristics and any settlement due to pressure applied by the foundations is likely to occur almost immediately upon application of the loads. In this case, nearly all of the settlement of the structure foundations due to dead loads is expected to take place during construction. The portion of the settlement due to the live load of the buildings will generally take place soon after the first application of this load.

Our settlement estimates are contingent upon subgrade preparation being carried out as recommended herein. Total and differential settlements of the noted magnitudes are usually considered tolerable for the anticipated construction; however, the tolerance of the proposed structure to the predicted total and differential settlements should be confirmed by the structural engineer/architect.

3.3 ROCK ANCHORS

For the purpose of anchoring the building foundation into the limestone formation, 16-inch diameter drilled cast-in-place rock anchors are typically used in Monroe County. The rock anchors will need to be installed a minimum of three (3) feet into the natural limestone strata. The allowable capacity in uplift for a 16-inch diameter rock anchor is noted in **Table A**.

Table A: Recommendations for Drilled Cast-in-Place Rock Anchors

Diameter (inches)	Minimum Rock Socket Length (feet)	Allowable Uplift Capacity (Tons)
16	3	15

Note:
With the exception of boring B-5, the top of limestone surface was generally encountered at or above a depth of 4 feet below grade. However, in boring B-5 the limestone stratum was encountered at a depth of 16 feet below grade.

3.3 FLOOR SLAB RECOMMENDATIONS

We recommend that the procedures described in **Section 4.0** of this report be used to prepare the floor slab subgrade. Ground floor slabs can bear directly on top of compacted structural fill material. A modulus of subgrade reaction value of 150 pounds per cubic inch (pci) may be used for design.

To avoid potential moisture problems, we recommend that floor slab subgrade soils be covered with a vapor barrier (such as visqueen, normally 6 mil thick) prior to constructing the slab-on-grade floors. The floor slabs should be reinforced to make them as rigid as practical. Proper joints should be provided at the junctions of the slabs and foundation system so that a small amount of independent movement can occur without causing structural damage. A friction factor of 0.21 should be used for the vapor barrier-soil interface.

4.0 SITE PREPARATION

4.1 GENERAL

Based on the results of our field exploration, we anticipate site preparation procedures to include the following:

1. The location of any existing underground utility lines within the construction area should be established. Provisions should be made to relocate any interfering utility lines within the construction area. Abandoned utilities should be removed or grouted to reduce the possibility of subsurface erosion that could result in future settlement.

2. The existing buildings and their associated foundation elements should be demolished and the construction debris along with the other unwanted ground cover (asphalt, etc.) should be removed from the site and be properly disposed. This work should be carried out in accordance with current regulatory criteria. If the existing foundations are left in place they could have potential impacts on the new footings, slabs and utilities.

3. Site preparation for the proposed development should include stripping and removal of the topsoil cover, any unwanted vegetation and the major root systems of the same.

4. The cleared exposed subgrade should be densified as specified in **Section 4.2**. Densification of the soils should be performed within the proposed development areas (building and paved areas) plus a 5-foot wide perimeter extending beyond the outside edge, where practical. Densification operations should continue until the subgrade soils are firm and unyielding.

5. Any fill required to raise grades should conform to the recommendations in **Section 4.3** of the report.

4.2 In-Situ Densification

In-situ densification of the in-place soils should be performed in the proposed development areas plus a five foot wide perimeter extending beyond the outer lines of the construction areas, where practical. Densification should be accomplished with a self-propelled vibratory roller which imparts a dynamic force of not less than 40,000 pounds. To reduce the effects of compaction induced vibrations on adjacent existing structures, the compaction operation should be limited to a distance not closer than 50 feet from existing structures.

The maximum drum roller weight to be used between 5 to 50 feet from the existing structures should be limited to 4 tons. For distances of less than 5 feet, a walk behind vibratory sled or roller should be used. Compaction of the bearing surface using this equipment should continue until no further vertical settlement of that surface is visually discernible. Any area of the exposed surface that deflects excessively under the weight of the compaction equipment should be excavated approximately 12 to 24 inches and replaced with compacted structural fill.

Density control should be exercised in the upper 12 inches of the compacted subgrade. Soils in this interval should be compacted to at least 95 percent of the Modified Proctor maximum dry density determined per ASTM D-1557. Frequent wetting of the subgrade may be necessary during the rolling operations to prevent drying and loosening of the upper 6 to 12 inches of soil.

4.3 Structural Fill and Backfill

Proper control of the placement and compaction of new fills for the project should be exercised by a representative of the geotechnical engineer. The fill materials should be placed in lifts not exceeding 12 inches in loose thickness. Each lift should be compacted to at least 95 percent of the Modified Proctor maximum dry density near the optimum moisture content as determined by ASTM D-1557. Fill to be compacted with a vibratory plate tamper or a small walk behind vibratory roller should be placed in lifts not exceeding six inches in loose thickness.

In place density tests should be performed by a qualified soils technician working under the supervision of a geotechnical engineer in accordance with appropriate ASTM procedures. Any fill indicating less than the recommended relative compaction should be recompacted until the required density is obtained prior to the placement of subsequent fill lifts or pouring concrete.

Structural fill should be free of organic matter and consist of granular material containing less than 12 percent passing the U.S. Standard No. 200 mesh sieve. The fill material may be composed of either clean sands and/or limerock. The fill material should have no particle size in excess of three (3) inches and have a Unified Soil Classification System (USCS) designation of GP, GW, GP-GM, GW-GM, SP, SW, SP-SM or SW-SM.

Structural fill or backfill to be placed below the water table should consist of an inorganic, non-plastic material, free of any man-made debris, limerock with a three (3) inch maximum particle size with ASTM classification (USCS) of GP, GW or FDOT 57 Stone with less than 5 percent material finer than the No. 200 sieve and a maximum particle size of 3 inches. FDOT 57 Stone should not be placed more than one foot above the water table.

The use of a commercially available fill material by the name “Cyclone Sand” should not be permitted for the project. Cyclone sand contains large amounts of fines and is therefore very sensitive to moisture. The moisture sensitivity of the material makes it difficult to compact and achieve the desired densities.

4.4 GROUNDWATER CONTROL

Groundwater control may be required for construction at this site, for either excavation dewatering or removal of temporarily perched water from a rain event. Such water can be controlled by pumping from sumps located in ditches or pits. Groundwater should be maintained at the following levels:

1. At least one (1) foot below the bottom of any excavation made during construction operations.

2. At least two (2) feet below the surface of any vibratory compaction operations.

Some of the deeper foundations or utilities may require dewatering with well points to facilitate construction. Dewatering systems should be designed and operated so as not to impact adjacent construction. Additionally, the discharge from dewatering systems should be handled in accordance with current regulatory criteria as related to the same.

4.5 FOUNDATION CONSTRUCTION FOR SHALLOW FOOTINGS

The footings for the proposed building should be placed on compacted approved structural fill material or densified suitable native soils. It is recommended that the soils exposed at the bottom of the footing excavations be compacted to at least 95 percent of the Modified Proctor maximum dry density just before pouring concrete. If the footing bearing materials become disturbed due to surface water resulting from precipitation and runoff, the disturbed soils should be overexcavated and replaced with compacted limerock which is densified to at least 95 percent of the materials Modified Proctor maximum dry density as determined by ASTM designation D-1557.

If encountered, the silt soils and soil intermixed with brick fragments should be removed for its full depth below the footings, and to a ratio of 1 horizontal: 1 vertical (1H: 1V) beyond the edges of the proposed foundation. The limits of the excavation should begin below the footing and extend downward and outward until the unsuitable soils have been fully removed.

5.0 PAVEMENT SECTION SUGGESTIONS

Flexible pavement sections in this geographic area typically consist of an asphaltic concrete wearing course, a limerock base course and a stabilized subgrade (sub-base). Based on our experience in the area, the typical pavement section thicknesses noted in **Table A** should be acceptable.

Table A: Typical Pavement Section Suggestions

Type of Pavement	Layer	Material Description	Layer Thickness (inches)	
			Light Duty	Medium Duty
Flexible	(A)	Florida DOT Asphalt Type S	1.5	2.0
	(B)	Crushed limerock with minimum LBR of 100, compacted to 98% of the Modified Proctor maximum dry density	6.0	8.0
	(SB)	Stabilized sub-grade (sub-base) fill with a minimum LBR of 40 compacted to 95% of the Modified Proctor maximum dry density	12.0	12.0
Rigid	(C)	Florida DOT Portland Cement Concrete	N/A	6.0
	(B)	Crushed limerock fill with a minimum LBR of 100 compacted to 98% of the Modified Proctor maximum dry density	N/A	8.0
	(SB)	Stabilized sub-base with a minimum LBR of 40 compacted to 95% of the Modified Proctor maximum dry density	N/A	12.0
(A) = Asphaltic Concrete, (B) = Base Course, (SB) = Stabilized Sub-grade (or Sub-base) (C) = Concrete				

The base course materials in the pavements should consist of crushed limerock having a minimum Limerock Bearing Ratio (LBR) of 100. Base materials should meet the requirements presented in the latest revisions of the Florida Department of Transportation "Specifications for Road and Bridge Construction", Section 911 (limestone). The base course should be compacted to at least 98 percent of the material's maximum dry density (ASTM D-1557). The subgrade should be stabilized to a depth of 12 inches to achieve a minimum LBR of 40. This can be obtained by blending base material (limerock) with the existing subgrade soils. The required mixing ratio should be determined by laboratory testing. The stabilized subgrade should be compacted to at least 95 percent of the AASHTO T-180 maximum dry density.

Where dumpsters are to be parked on the pavement, so that a considerable load is transferred from relatively small steel supports, it is recommended that rigid concrete pavement be constructed. In addition, the area utilized for unloading the dumpsters by heavy duty-trucks should also be provided with a rigid pavement. A minimum portland concrete pavement thickness of 6 inches is recommended for the project if a rigid pavement is employed. The concrete should be reinforced as necessary to withstand the traffic loadings anticipated and jointed to reduce the potential for crack development. The minimum rigid pavement thickness recommended herein is based upon concrete with an unconfined compressive strength of 3,500 psi (ACI, Design and Construction of Concrete Parking Lots, 330R-7) and a modulus of rupture of 450 psi.

Fill that may be required to raise grades in pavement areas should be compacted to at least 95 percent of the material's maximum dry density (ASTM D-1557).

Actual pavement section thickness should be provided by the Design Civil Engineer based on traffic loads/volumes, and the owner's design life requirements. The noted sections represent minimum thicknesses for typical local construction practices and, as such, periodic maintenance should be anticipated. All pavement materials and construction procedures should conform to FDOT, American Concrete Institute (ACI), or appropriate city/county requirements.

6.0 EXCAVATION

In Federal Register, Volume 54, No. 209 (October 1989), the United States Department of Labor, Occupational Safety and Health Administration (OSHA) amended its "Construction Standards for Excavations, 29 CFR, part 1926, Subpart P". This document was issued to better insure the safety of workmen entering trenches or excavations. It is mandated by this federal regulation that all excavations, whether they be utility trenches, basement excavations or footing excavations, be constructed in accordance with the OSHA guidelines. It is our understanding that these regulations are being strictly enforced and if they are not closely followed, the owner and the contractor could be liable for substantial penalties.

The contractor is solely responsible for designing and constructing stable, temporary excavations and should shore, slope, or bench the sides of the excavations as required to maintain stability of both the excavation sides and bottom. The contractor's responsible person, as defined in 29 CFR Part 1926, should evaluate the soil exposed in the excavations as part of the contractor's safety procedures. In no case should slope height, slope inclination, or excavation depth, including utility trench excavation depth, exceed those specified in local, state, and federal safety regulations.

We are providing this information solely as a service to our client. PSI is not assuming responsibility for construction site safety or the contractor's activities; such responsibility is not being implied and should not be inferred.

7.0 REPORT LIMITATIONS

Our professional services have been performed, findings obtained, and recommendations prepared in accordance with generally accepted geotechnical engineering principles and practices at the time of this report. This company is not responsible for the conclusions, opinions or recommendations made by others based on this data. No other warranties are implied or expressed. After the plans and specifications are complete, it is recommended that PSI be provided the opportunity to review the final design and specifications, in order to verify that the earthwork and foundation recommendations are properly interpreted and implemented. At that time, it may be necessary to submit supplemental recommendations.

The scope of investigation was intended to evaluate soil conditions within the influence of the proposed shallow foundations. The analyses and recommendations submitted in this report are based upon the data obtained from the soil borings performed at the locations indicated. If any subsoil variations become evident during the course of this project, a re-evaluation of the recommendations contained in this report will be necessary after we have had an opportunity to observe the characteristics of the conditions encountered. The applicability of the report should also be reviewed in the event significant changes occur in the design, nature or location of the proposed building additions.

The scope of our services did not include an environmental assessment for the presence or absence of hazardous or toxic materials in the soil and groundwater. Any statements in this report regarding odors, staining of soils, or other unusual conditions observed are strictly for the information of our client.

As directed by the client, PSI did not provide any service to investigate or detect the presence of moisture, mold or other biological contaminates in or around any structure, or any service that was designed or intended to prevent or lower the risk of the occurrence of the amplification of the same. Client acknowledges that mold is ubiquitous to the environment with mold amplification occurring when building materials are impacted by moisture. Client further acknowledges that site conditions are outside of PSI's control, and that mold amplification will likely occur, or continue to occur, in the presence of moisture. As such, PSI cannot and shall not be held responsible for the occurrence or recurrence of mold amplification.

This report has been prepared for the exclusive use of mbi|k2m Architecture, Inc., and their design consultants, for the specific application to the subject project in Key West, Florida.

8.0 CLOSURE

We trust this report is adequate for your current needs; however, should you have any questions or should additional information be required, please do not hesitate to contact our office at (305) 471-7725.

Respectfully submitted,

Professional Service Industries, Inc.
Certificate of Authorization No: 3684

/For
Martin E. Millburg, P.E.
Principal Consultant
FL License No. 36584

Dhuruva (Drew) Badri, P.E.
Project Engineer
FL License No. 68718

DB/IK/db

cc: Addressee (3 and PDF)
File (1 and PDF)

APPENDIX

Sheet 1: Site Vicinity Map
Sheet 2: Site Photographs
Sheet 3: Boring Location Plan
Sheet 4: Generalized Soil Profile
Boring Logs
Table 1: Summary of Percolation Test Results
Schematic of Usual Open-Hole Percolation Test
Drilling and Sampling Procedures, Field Tests and Measurements

APPENDIX

SITE VICINITY MAP

APPROXIMATE SITE LOCATION

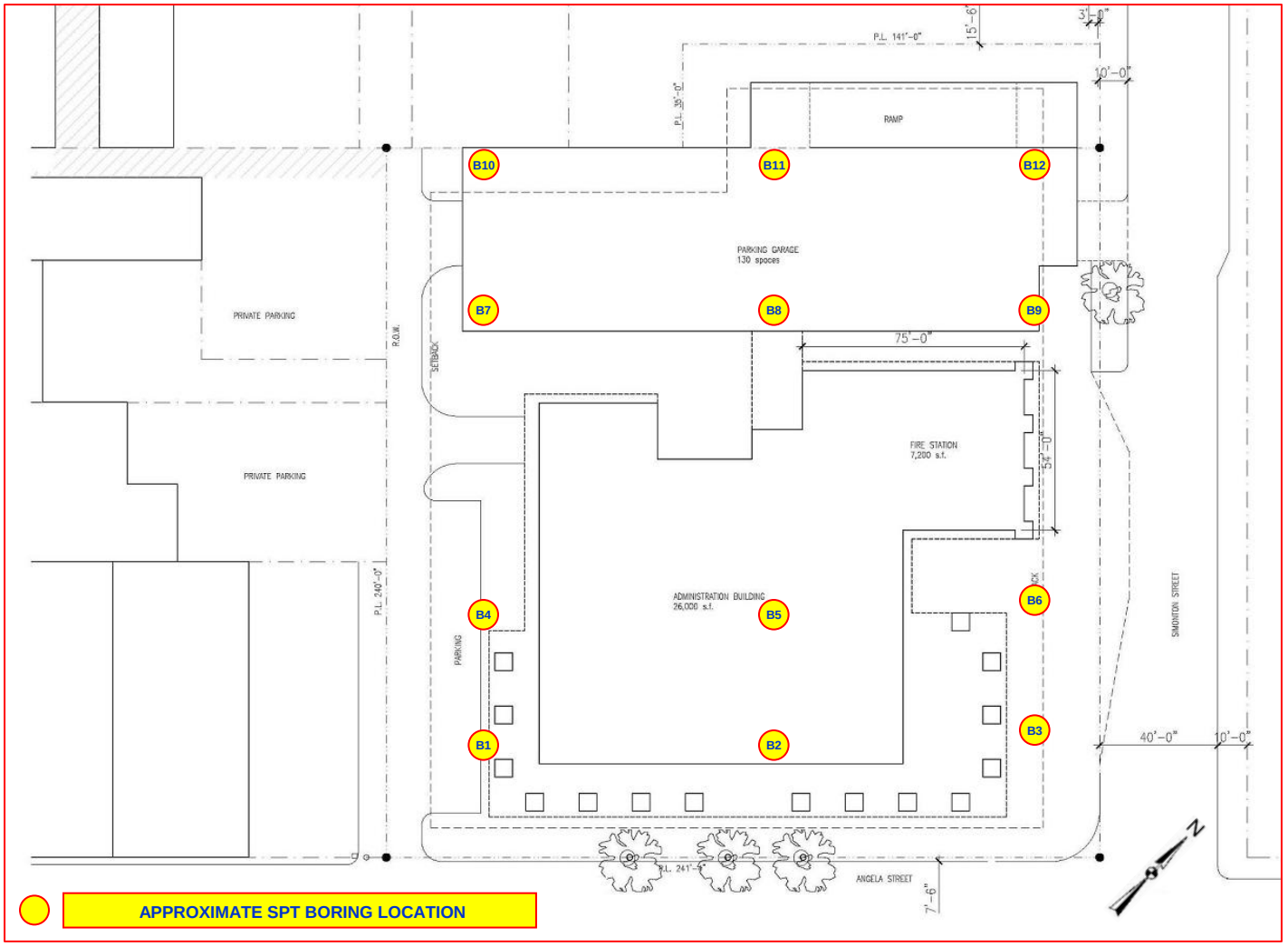
GEOTECHNICAL ENGINEERING SERVICES **CITY OF KEY WEST ADMINISTRATION BUILDING COMPLEX** **INTERSECTION OF ANGELA STREET AND SIMONTON STREET** **KEY WEST, FLORIDA**		DATE: 06/29/2009 DRAWN CD	psi Information To Build On Engineering • Consulting • Testing
SHEET No.: 1	PSI PROJ. No.: 397-95037	CHKD: DB	

SITE PHOTOGRAPHS

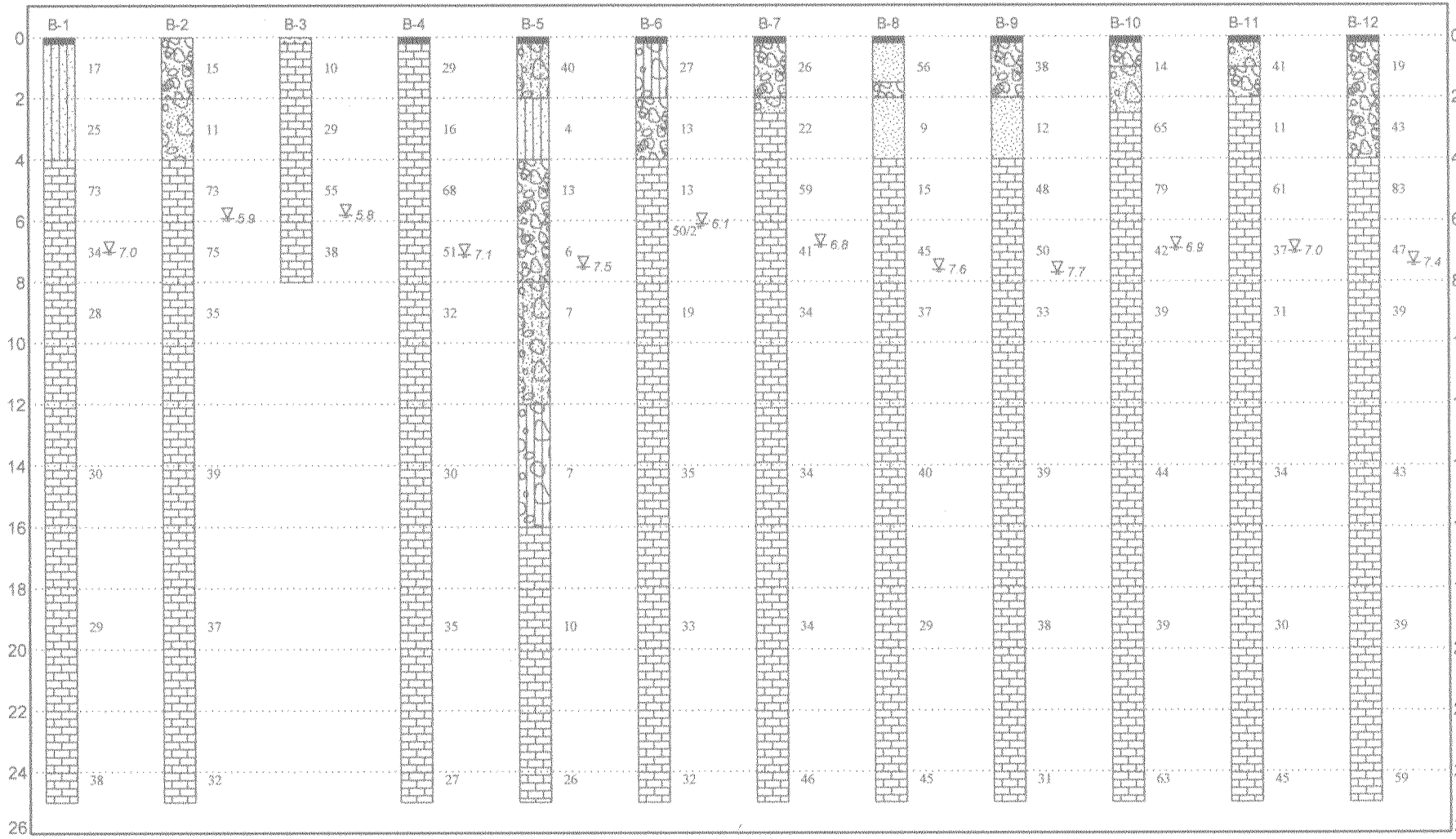
GEOTECHNICAL ENGINEERING SERVICES **CITY OF KEY WEST ADMINISTRATION BUILDING COMPLEX** **INTERSECTION OF ANGELA STREET AND SIMONTON STREET** **KEY WEST, FLORIDA**		DATE: 06/29/2009 DRAWN CD
SHEET No.: 2	PSI PROJ. No.: 397-95037	CHKD: DB

psi Information To Build On
Engineering • Consulting • Testing

BORING LOCATION PLAN



GEOTECHNICAL ENGINEERING SERVICES **CITY OF KEY WEST ADMINISTRATION BUILDING COMPLEX** **INTERSECTION OF ANGELA STREET AND SIMONTON STREET** **KEY WEST, FLORIDA**	DATE: 06/29/2009 DRAWN CD	psi Information To Build On Engineering • Consulting • Testing
SHEET No.: 3	PSI PROJ. No.: 397-95037	CHKD: DB



Asphaltic Pavement
Gravelly Sand
Sand
Sandy Silt
Topsoil
Limestone
Gravelly Silty Sand
Sandy Gravel
Gravelly Silt

GENERALIZED SOIL PROFILE

DATE DRAWN	DRAWN BY / APPROVED BY	SHEET NO.:
07/13/2009	CD / DB	4

Client: MBI|K2M ARCHITECTURE, INC.

Project: CITY OF KEY WEST ADMINISTRATION BUILDING COMPLEX

Location: KEY WEST, FLORIDA

Number: 397-95037

UPDATED FENCE 397-95037.GPJ PSI_CORP.GDT 7/17/09

LOG OF BORING NO. B-1

CITY OF KEY WEST ADMINISTRATION BUILDING COMPLEX
INTERSECTION OF ANGELA STREET AND SIMONTON STREET
KEY WEST, FLORIDA

BORING TYPE: 2" SPLIT BARREL (SPT)
CLIENT: MBII|K2M ARCHITECTURE, INC.
PROJECT NO: 397-95037

DEPTH, FT.	SYMBOL	SAMPLES	SOIL DESCRIPTION	% PASSING #200 SIEVE	% ORGANIC CONTENT	% MOISTURE CONTENT	BLOWS PER 6"	BLOWS PER FOOT	STANDARD PENETRATION TEST ●N-VALUE (ASTM D-1586) 10 20 30 40 50 60 70 80 90
			Asphalt Pavement						
			Light Brown/Gray Sandy SILT (ML)			17	11-10-7-7	17	
				58		24	5-9-16-24	25	
			Light Brown/Gray LIMESTONE with Fine Sand						
5							25-49-24-25	73	
							21-14-20-22	34	
10							16-13-15-16	28	
15							14-14-16	30	
20							17-13-16	29	
25							19-20-18	38	

COMPLETION DEPTH (FT): 25.0 | DEPTH TO WATER (FT): 7.0 | SURF. ELEV.: NP
DATE DRILLED: 6/24/09 | CHECKED BY: DB/CD | DRILLER: LR

Geotechnical Consulting Services
7950 N.W 64th Street
Miami, FL 33166
305/471-7725
Fax 305/593-1915

BLOWS / FT.	DENSITY
<3	Very Loose
3-8	Loose
8-24	Medium Dense
24-40	Dense
>40	Very Dense

BLOWS / FT.	CONSISTENCY
<1	Very Soft
1-3	Soft
3-6	Firm
6-12	Stiff
12-24	Very Stiff
>24	Hard

LOG OF BORING NO. B-2

CITY OF KEY WEST ADMINISTRATION BUILDING COMPLEX
INTERSECTION OF ANGELA STREET AND SIMONTON STREET
KEY WEST, FLORIDA

BORING TYPE: 2" SPLIT BARREL (SPT)
CLIENT: MBI|K2M ARCHITECTURE, INC.
PROJECT NO: 397-95037

DEPTH, FT.	SYMBOL	SAMPLES	SOIL DESCRIPTION	% PASSING #200 SIEVE	% ORGANIC CONTENT	% MOISTURE CONTENT	BLOWS PER 6"	BLOWS PER FOOT
			(FILL) Light Brown/Gray LIMEROCK with Fine Sand (GP)				2-5-10-8	15
			(FILL) Light Brown/Gray Fine SAND with Traces of Limerock (SP)				5-5-6-35	11
5			Light Brown/Gray LIMESTONE with Fine Sand				48-32-41-39	73
							38-35-40-35	75
10							20-21-14-11	35
15							10-14-25	39
20							21-18-19	37
25							20-17-15	32

STANDARD PENETRATION TEST
*N-VALUE (ASTM D-1586)
10 20 30 40 50 60 70 80 90

COMPLETION DEPTH (FT): 25.0 | DEPTH TO WATER (FT): 5.9 | SURF. ELEV.: NP
DATE DRILLED: 6/24/09 | CHECKED BY: DB/CD | DRILLER: LR

Geotechnical Consulting Services
7950 N.W 64th Street
Miami, FL 33166
305/471-7725
Fax 305/593-1915

BLOWS / FT.	DENSITY
<3	Very Loose
3-8	Loose
8-24	Medium Dense
24-40	Dense
>40	Very Dense

BLOWS / FT.	CONSISTENCY
<1	Very Soft
1-3	Soft
3-6	Firm
6-12	Stiff
12-24	Very Stiff
>24	Hard

LOG OF BORING NO. B-3

CITY OF KEY WEST ADMINISTRATION BUILDING COMPLEX
INTERSECTION OF ANGELA STREET AND SIMONTON STREET
KEY WEST, FLORIDA

BORING TYPE: 2" SPLIT BARREL (SPT)
CLIENT: MBI|K2M ARCHITECTURE, INC.
PROJECT NO: 397-95037

DEPTH, FT.	SYMBOL	SAMPLES	SOIL DESCRIPTION	% PASSING #200 SIEVE	% ORGANIC CONTENT	% MOISTURE CONTENT	BLOWS PER 6"	BLOWS PER FOOT	STANDARD PENETRATION TEST ●N-VALUE (ASTM D-1586) 10 20 30 40 50 60 70 80 90
0			(TOPSOIL) Brown Fine SAND with Traces of Roots (SP)						
			Light Brown/Gray LIMESTONE with Fine Sand				4-4-6-11	10	
							18-15-14-45	29	
5							37-29-26-26	55	
							24-21-17-19	38	
10									
15									
20									
25									

COMPLETION DEPTH (FT): 8.0 | DEPTH TO WATER (FT): 5.8 | SURF. ELEV.: NP
DATE DRILLED: 6/24/09 | CHECKED BY: DB/CD | DRILLER: LR

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7950 N.W 64th Street
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BLOWS / FT.	DENSITY
<3	Very Loose
3-8	Loose
8-24	Medium Dense
24-40	Dense
>40	Very Dense

BLOWS / FT.	CONSISTENCY
<1	Very Soft
1-3	Soft
3-6	Firm
6-12	Stiff
12-24	Very Stiff
>24	Hard

FINAL EXPLORER 397-95037.GPJ PSI_CORP.GDT 6/29/09

LOG OF BORING NO. B-4

CITY OF KEY WEST ADMINISTRATION BUILDING COMPLEX
INTERSECTION OF ANGELA STREET AND SIMONTON STREET
KEY WEST, FLORIDA

BORING TYPE: 2" SPLIT BARREL (SPT)
CLIENT: MBII|K2M ARCHITECTURE, INC.

PROJECT NO: 397-95037

DEPTH, FT.	SYMBOL	SAMPLES	SOIL DESCRIPTION	% PASSING #200 SIEVE	% ORGANIC CONTENT	% MOISTURE CONTENT	BLOWS PER 6"	BLOWS PER FOOT
			Asphalt Pavement					
			Light Brown/Gray LIMESTONE with Fine Sand				27-20-9-7	29
							9-10-6-19	16
5							43-40-28-31	68
							30-29-22-23	51
							22-16-16-15	32
10								
							13-12-18	30
15								
							17-16-19	35
20								
							17-15-12	27
25								

STANDARD PENETRATION TEST
●N-VALUE (ASTM D-1586)
10 20 30 40 50 60 70 80 90

COMPLETION DEPTH (FT): 25.0 | DEPTH TO WATER (FT): 7.1 | SURF. ELEV.: NP
DATE DRILLED: 6/24/09 | CHECKED BY: DB/CD | DRILLER: LR

Geotechnical Consulting Services
7950 N.W 64th Street
Miami, FL 33166
305/471-7725
Fax 305/593-1915

BLOWS / FT.	DENSITY
<3	Very Loose
3-8	Loose
8-24	Medium Dense
24-40	Dense
>40	Very Dense

BLOWS / FT.	CONSISTENCY
<1	Very Soft
1-3	Soft
3-6	Firm
6-12	Stiff
12-24	Very Stiff
>24	Hard

LOG OF BORING NO. B-5

CITY OF KEY WEST ADMINISTRATION BUILDING COMPLEX
INTERSECTION OF ANGELA STREET AND SIMONTON STREET
KEY WEST, FLORIDA

BORING TYPE: 2" SPLIT BARREL (SPT)
CLIENT: MBI|K2M ARCHITECTURE, INC.
PROJECT NO: 397-95037

DEPTH, FT.	SYMBOL	SAMPLES	SOIL DESCRIPTION	% PASSING #200 SIEVE	% ORGANIC CONTENT	% MOISTURE CONTENT	BLOWS PER 6"	BLOWS PER FOOT	STANDARD PENETRATION TEST ● N-VALUE (ASTM D-1586) 10 20 30 40 50 60 70 80 90
			Asphalt Pavement						
			(FILL) Light Brown/Gray Silty Fine SAND with traces of Limerock (SM)	25		13	42-26-14-7	40	
			(FILL) Light Brown/Gray Sandy SILT (ML)	58		27	3-2-2-2	4	
5			(FILL) Light Brown/Gray LIMEROCK with Fine Sand (GP)				3-7-6-7	13	
							4-3-3-3	6	
10			(FILL) Light Brown/Gray Fine Silty SAND with Traces of Limerock (SM)			43	2-2-5-5	7	
15			(FILL) Light Brown/Gray Sandy SILT with traces of Limerock (ML)				3-3-4	7	
20			Light Brown/Gray LIMESTONE with Fine Sand				6-5-5	10	
25				51		47	8-12-14	26	

COMPLETION DEPTH (FT): 25.0 | DEPTH TO WATER (FT): 7.5 | SURF. ELEV.: NP
DATE DRILLED: 6/23/09 | CHECKED BY: DB/CD | DRILLER: LR

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7950 N.W 64th Street
Miami, FL 33166
305/471-7725
Fax 305/593-1915

BLOWS / FT.	DENSITY
<3	Very Loose
3-8	Loose
8-24	Medium Dense
24-40	Dense
>40	Very Dense

BLOWS / FT.	CONSISTENCY
<1	Very Soft
1-3	Soft
3-6	Firm
6-12	Stiff
12-24	Very Stiff
>24	Hard

LOG OF BORING NO. B-6

CITY OF KEY WEST ADMINISTRATION BUILDING COMPLEX
INTERSECTION OF ANGELA STREET AND SIMONTON STREET
KEY WEST, FLORIDA

BORING TYPE: 2" SPLIT BARREL (SPT)
CLIENT: MBI|K2M ARCHITECTURE, INC.

PROJECT NO: 397-95037

DEPTH, FT.	SYMBOL	SAMPLES	SOIL DESCRIPTION	% PASSING #200 SIEVE	% ORGANIC CONTENT	% MOISTURE CONTENT	BLOWS PER 6"	BLOWS PER FOOT
			Asphalt Pavement					
			(FILL) Light Brown/Gray Slightly Silty Fine SAND (SP-SM)				32-16-11-10	27
			(FILL) Light Brown/Gray LIMEROCK with Fine Sand (GP)				4-5-8-8	13
			Light Brown/Gray LIMESTONE with Fine Sand					
5							6-6-7-6	13
							48-(50/2")	50/2"
10							17-9-10-11	19
15							9-13-22	35
20							18-16-17	33
25							19-18-14	32

STANDARD PENETRATION TEST
● N-VALUE (ASTM D-1586)
10 20 30 40 50 60 70 80 90

COMPLETION DEPTH (FT): 25.0
DATE DRILLED: 6/24/09

DEPTH TO WATER (FT): 6.1
CHECKED BY: DB/CD

SURF. ELEV.: NP
DRILLER: LR

psi
Geotechnical Consulting Services
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Miami, FL 33166
305/471-7725
Fax 305/593-1915

BLOWS / FT.	DENSITY
<3	Very Loose
3-8	Loose
8-24	Medium Dense
24-40	Dense
>40	Very Dense

BLOWS / FT.	CONSISTENCY
<1	Very Soft
1-3	Soft
3-6	Firm
6-12	Stiff
12-24	Very Stiff
>24	Hard

LOG OF BORING NO. B-7

CITY OF KEY WEST ADMINISTRATION BUILDING COMPLEX
INTERSECTION OF ANGELA STREET AND SIMONTON STREET
KEY WEST, FLORIDA

BORING TYPE: 2" SPLIT BARREL (SPT)
CLIENT: MBI|K2M ARCHITECTURE, INC.
PROJECT NO: 397-95037

DEPTH, FT.	SYMBOL	SAMPLES	SOIL DESCRIPTION	% PASSING #200 SIEVE	% ORGANIC CONTENT	% MOISTURE CONTENT	BLOWS PER 6"	BLOWS PER FOOT
			Asphalt Pavement					
			(FILL) Light Brown/Gray LIMEROCK with Fine Sand (GP)				17-13-13-7	26
			(FILL) Light Brown/Gray Fine SAND with Brick Fragments (SP)					
			Light Brown/Gray LIMESTONE with Fine Sand				4-3-19-49	22
5							36-31-28-28	59
							23-21-20-22	41
							17-15-19-20	34
10								
							16-14-20	34
15								
							20-17-17	34
20								
							25-22-24	46
25								

STANDARD PENETRATION TEST
*N-VALUE (ASTM D-1586)
10 20 30 40 50 60 70 80 90

COMPLETION DEPTH (FT): 25.0 | DEPTH TO WATER (FT): 6.8 | SURF. ELEV.: NP
DATE DRILLED: 6/22/09 | CHECKED BY: DB/CD | DRILLER: LR

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305/471-7725
Fax 305/593-1915

BLOWS / FT.	DENSITY
<3	Very Loose
3-8	Loose
8-24	Medium Dense
24-40	Dense
>40	Very Dense

BLOWS / FT.	CONSISTENCY
<1	Very Soft
1-3	Soft
3-6	Firm
6-12	Stiff
12-24	Very Stiff
>24	Hard

LOG OF BORING NO. B-8

CITY OF KEY WEST ADMINISTRATION BUILDING COMPLEX
INTERSECTION OF ANGELA STREET AND SIMONTON STREET
KEY WEST, FLORIDA

BORING TYPE: 2" SPLIT BARREL (SPT)
CLIENT: MBI|K2M ARCHITECTURE, INC.
PROJECT NO: 397-95037

DEPTH, FT.	SYMBOL	SAMPLES	SOIL DESCRIPTION	% PASSING #200 SIEVE	% ORGANIC CONTENT	% MOISTURE CONTENT	BLOWS PER 6"	BLOWS PER FOOT
			Asphalt Pavement					
			(FILL) Light Brown/Gray Slightly Silty Fine SAND with Traces of Limerock (SP-SM)				13-15-41-14	56
			(FILL) Light Brown/Gray LIMEROCK with Fine Sand (GP)					
			(FILL) Light Brown/Gray Slightly Silty Fine SAND with Traces of Limerock (SP-SM)			27	7-3-6-6	9
			Light Brown/Gray LIMESTONE with Fine Sand					
5							9-8-7-7	15
							28-20-25-23	45
10							19-20-17-21	37
15							15-16-24	40
20							21-15-14	29
25							22-24-21	45

STANDARD PENETRATION TEST
●N-VALUE (ASTM D-1586)
10 20 30 40 50 60 70 80 90

COMPLETION DEPTH (FT): 25.0 | DEPTH TO WATER (FT): 7.6 | SURF. ELEV.: NP
DATE DRILLED: 6/23/09 | CHECKED BY: DB/CD | DRILLER: LR

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7950 N.W 64th Street
Miami, FL 33166
305/471-7725
Fax 305/593-1915

BLOWS / FT.	DENSITY
<3	Very Loose
3-8	Loose
8-24	Medium Dense
24-40	Dense
>40	Very Dense

BLOWS / FT.	CONSISTENCY
<1	Very Soft
1-3	Soft
3-6	Firm
6-12	Stiff
12-24	Very Stiff
>24	Hard

LOG OF BORING NO. B-9

CITY OF KEY WEST ADMINISTRATION BUILDING COMPLEX
INTERSECTION OF ANGELA STREET AND SIMONTON STREET
KEY WEST, FLORIDA

BORING TYPE: 2" SPLIT BARREL (SPT)
CLIENT: MBI|K2M ARCHITECTURE, INC.
PROJECT NO: 397-95037

DEPTH, FT.	SYMBOL	SAMPLES	SOIL DESCRIPTION	% PASSING #200 SIEVE	% ORGANIC CONTENT	% MOISTURE CONTENT	BLOWS PER 6"	BLOWS PER FOOT	STANDARD PENETRATION TEST ●N-VALUE (ASTM D-1586) 10 20 30 40 50 60 70 80 90
			Asphalt Pavement						
			(FILL) Light Brown/Gray LIMEROCK with Fine Sand (GP)				25-27-11-8	38	
			Light Brown/Gray Slightly Silty Fine SAND (SP-SM)				8-6-6-5	12	
			Light Brown/Gray LIMESTONE with Fine Sand				4-22-26-32	48	
							33-27-23-19	50	
							21-17-16-16	33	
							15-18-21	39	
							18-21-17	38	
							17-16-15	31	

5
10
15
20
25

COMPLETION DEPTH (FT): 25.0 | DEPTH TO WATER (FT): 7.7 | SURF. ELEV.: NP
DATE DRILLED: 6/23/09 | CHECKED BY: DB/CD | DRILLER: LR

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Miami, FL 33166
305/471-7725
Fax 305/593-1915

BLOWS / FT.	DENSITY
<3	Very Loose
3-8	Loose
8-24	Medium Dense
24-40	Dense
>40	Very Dense

BLOWS / FT.	CONSISTENCY
<1	Very Soft
1-3	Soft
3-6	Firm
6-12	Stiff
12-24	Very Stiff
>24	Hard

LOG OF BORING NO. B-10

CITY OF KEY WEST ADMINISTRATION BUILDING COMPLEX
INTERSECTION OF ANGELA STREET AND SIMONTON STREET
KEY WEST, FLORIDA

BORING TYPE: 2" SPLIT BARREL (SPT)
CLIENT: MBI|K2M ARCHITECTURE, INC.
PROJECT NO: 397-95037

DEPTH, FT.	SYMBOL	SAMPLES	SOIL DESCRIPTION	% PASSING #200 SIEVE	% ORGANIC CONTENT	% MOISTURE CONTENT	BLOWS PER 6"	BLOWS PER FOOT
			Asphalt Pavement					
			(FILL) Light Brown/Gray LIMEROCK with Fine Sand (GP)					
			(FILL) Light Brown/Gray Slightly Silty Fine SAND with Traces of Limerock (SP-SM)			30	11-10-4-3	14
						30		
			Light Brown/Gray LIMESTONE with Fine Sand				4-48-17-44	65
5							46-41-38-36	79
							28-22-20-18	42
							15-18-21-23	39
10								
							13-19-25	44
15								
							19-21-18	39
20								
							20-38-25	63
25								

STANDARD PENETRATION TEST
●N-VALUE (ASTM D-1586)
10 20 30 40 50 60 70 80 90

COMPLETION DEPTH (FT): 25.0 | DEPTH TO WATER (FT): 6.9 | SURF. ELEV.: NP
DATE DRILLED: 6/22/09 | CHECKED BY: DB/CD | DRILLER: LR

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305/471-7725
Fax 305/593-1915

BLOWS / FT.	DENSITY
<3	Very Loose
3-8	Loose
8-24	Medium Dense
24-40	Dense
>40	Very Dense

BLOWS / FT.	CONSISTENCY
<1	Very Soft
1-3	Soft
3-6	Firm
6-12	Stiff
12-24	Very Stiff
>24	Hard

LOG OF BORING NO. B-11

CITY OF KEY WEST ADMINISTRATION BUILDING COMPLEX
INTERSECTION OF ANGELA STREET AND SIMONTON STREET
KEY WEST, FLORIDA

BORING TYPE: 2" SPLIT BARREL (SPT)
CLIENT: MBI|K2M ARCHITECTURE, INC.

PROJECT NO: 397-95037

DEPTH, FT.	SYMBOL	SAMPLES	SOIL DESCRIPTION	% PASSING #200 SIEVE	% ORGANIC CONTENT	% MOISTURE CONTENT	BLOWS PER 6"	BLOWS PER FOOT
			Asphalt Pavement					
			(FILL) Light Brown/Gray Slightly Silty Fine SAND with Traces of Limerock (SP-SM)					
			(FILL) Light Brown/Gray LIMEROCK with Fine Sand (GP)				10-9-32-13	41
			Light Brown/Gray LIMESTONE with Fine Sand				5-3-8-12	11
5							46-34-27-22	61
							22-20-17-20	37
							19-14-17-18	31
10								
15							18-16-18	34
20							22-15-15	30
25							20-24-21	45

STANDARD PENETRATION TEST
●N-VALUE (ASTM D-1586)
10 20 30 40 50 60 70 80 90

COMPLETION DEPTH (FT): 25.0
DEPTH TO WATER (FT): 7.0
SURF. ELEV.: NP
DATE DRILLED: 6/22/09
CHECKED BY: DB/CD
DRILLER: LR

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Fax 305/593-1915

BLOWS / FT.	DENSITY	BLOWS / FT.	CONSISTENCY
<3	Very Loose	<1	Very Soft
3-8	Loose	1-3	Soft
8-24	Medium Dense	3-6	Firm
24-40	Dense	6-12	Stiff
>40	Very Dense	12-24	Very Stiff
		>24	Hard

LOG OF BORING NO. B-12

CITY OF KEY WEST ADMINISTRATION BUILDING COMPLEX
INTERSECTION OF ANGELA STREET AND SIMONTON STREET
KEY WEST, FLORIDA

BORING TYPE: 2" SPLIT BARREL (SPT)

CLIENT: MBII|K2M ARCHITECTURE, INC.

PROJECT NO: 397-95037

DEPTH, FT.	SYMBOL	SAMPLES	SOIL DESCRIPTION	% PASSING #200 SIEVE	% ORGANIC CONTENT	% MOISTURE CONTENT	BLOWS PER 6"	BLOWS PER FOOT
			Asphalt Pavement					
			(FILL) Light Brown/Gray LIMEROCK with Fine Sand (GP)				15-10-9-7	19
							11-31-12-14	43
			Light Brown/Gray LIMESTONE with Fine Sand					
5							32-46-37-41	83
							30-26-21-20	47
							17-19-20-22	39
10								
15							18-20-23	43
20							21-20-19	39
25							19-35-24	59

STANDARD PENETRATION TEST
●N-VALUE (ASTM D-1586)
10 20 30 40 50 60 70 80 90

COMPLETION DEPTH (FT): 25.0 | DEPTH TO WATER (FT): 7.4 | SURF. ELEV.: NP

DATE DRILLED: 6/23/09 | CHECKED BY: DB/CD | DRILLER: LR

psi
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Miami, FL 33166
305/471-7725
Fax 305/593-1915

BLOWS / FT.	DENSITY
<3	Very Loose
3-8	Loose
8-24	Medium Dense
24-40	Dense
>40	Very Dense

BLOWS / FT.	CONSISTENCY
<1	Very Soft
1-3	Soft
3-6	Firm
6-12	Stiff
12-24	Very Stiff
>24	Hard

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TABLE 1: SUMMARY OF PERCOLATION TEST RESULTS
CITY OF KEY WEST ADMINISTRATION BUILDING COMPLEX
KEY WEST, FLORIDA
PSI PROJECT NO. 397-95037

Test No.	Date Performed	Diameter		Depth of Hole	Depth to Groundwater Level Below Ground Surface (Feet)		Hydraulic Head, H2	Saturated Hole Depth, Ds	Average Flow Rate, Q	K, Hydraulic Conductivity
		Hole (Inches)	Casing (Inches)	(Feet)	Prior to Test	During Test	(Feet)	(Feet)	(gpm)	cfs/ft^2-ft
P-1/B-5	23-Jun-09	6	4	5.0	5.0	0.0	5.0	0.0	2.0	2.2E-04

Note:

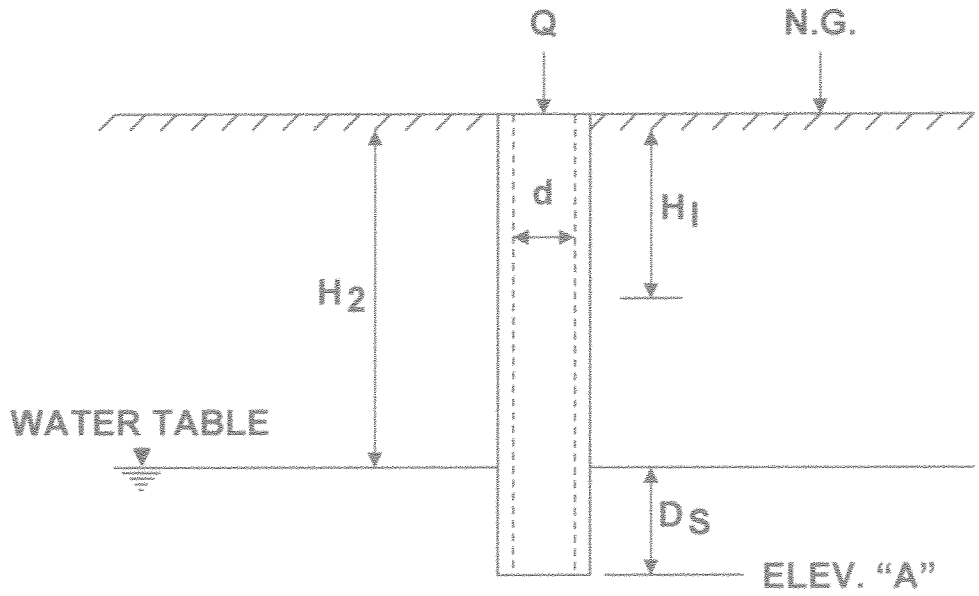
(1) The above hydraulic conductivity value is for a french drain installed to the same depth as the borehole test. The value represents an ultimate value. The designer should decide on the required factor of safety.

(2) The hydraulic conductivity value was calculated based on the South Florida Water Management District's USUAL OPEN HOLE CONSTANT HEAD percolation test procedure as shown on **the following page.**

(3) A hole diameter of six inches was used in the computation of the Hydraulic Conductivity value presented in the above table.

(4) The water table depth (prior to test) was adjusted to 5 feet to avoid a negative head value.

USUAL OPEN – HOLE TEST



$$K = \frac{4Q}{\pi d (2H_2^2 + 4H_2 D_S + H_2 d)}$$

K= HYDRAULIC CONDUCTIVITY (CFS/FT.^{2} - FT.HEAD)

Q= "STABILIZED" FLOW RATE (CFS)

d= DIAMETER OF TEST HOLE (FEET)

H_2 = DEPTH TO WATER TABLE (FEET)

D_S = SATURATED HOLE DEPTH (FEET)

ELEV. "A"= PROPOSED TRENCH BOTTOM ELEV.

H_I = AVERAGE HEAD ON UNSATURATED HOLE SURFACE (FT.HEAD)

DRILLING AND SAMPLING PROCEDURES

The borings were performed with a drill rig equipped with a rotary head. The drill holes were advanced by the use of a high speed rollercone bit, with bentonite drilling fluid being pumped through the drill rods to remove the cuttings and to stabilize the side walls and bottom of the hole. Representative samples were obtained by the use of split-barrel sampling procedures in general accordance with the procedures for "Penetration Test and Split-Barrel Sampling of Soils" (ASTM D-1586).

FIELD TESTS AND MEASUREMENTS

Penetration Tests - During the sampling procedure, Standard Penetration Tests (SPT) were performed at pre-determined intervals to obtain the standard penetration value (N) of the soil. The standard penetration value (N) is defined as the number of blows of a 140 pound hammer, falling thirty (30) inches, required to advance the split-barrel sampler one (1) foot into the soil. The sampler is lowered to the bottom of the previously cleaned drill hole and advanced by blows from the hammer. The number of blows is recorded for each of three (3) successive increments of six (6) inches penetration. The "N" value is obtained by adding the second and third incremental numbers.

Water Level Measurements - Water level depths were obtained during the boring operations. In relatively pervious soils, such as sandy soils, the indicated depths are usually reliable groundwater levels. Seasonal variations, tidal conditions, temperature, land-use, and recent rainfall conditions may influence the depths to the groundwater.

Ground Surface Elevations - Ground surface elevations at the boring locations were not provided. Therefore, all references to depth of the various strata and materials encountered are from existing grade at the time of drilling.