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MINUTES FROM 22 JULY 1998 RESTORATION ADVISORY BOARD MEETING NTC  
ORLANDO FL  
7/22/1998  
NAVFAC SOUTHERN

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**Meeting Summary**  
**Restoration Advisory Board**  
**Naval Training Center (NTC), Orlando**  
**July 22, 1998**

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A meeting of the NTC, Orlando Restoration Advisory Board (RAB) was held on July 22, 1998 in the City Commission Chambers, Winter Park City Hall. Attached to this meeting summary are:

- Attachment A: Meeting Agenda
- Attachment B: RAB Member Sign-in Sheet
- Attachment C: 1998 RAB Attendance Record
- Attachment D: Base Realignment and Closure (BRAC) Update  
(Information Repository copy only)
- Attachment E: Focused Risk Assessments handout  
(Information Repository copy only)
- Attachment F: Community Mailing List Notice
- Attachment G: Community Sign-In Sheet

RAB members present at the meeting were:

Hank Beers	Tom Nelson
Don Fuller	Blanche Olson
Edwin Granberry	Nancy Rodriguez
Wayne Hansel	Lt. Gary Whipple
Phillip Jaffe	Ann Williams
Bob Mackey	Geri Wojeck
Nancy Maloney	Kay Yeuell
John Mitchell	

Other Navy and support personnel present at the meeting included:

- Rick Allen, Harding Lawson Associates (HLA)
- John Kaiser, HLA
- Bill Kollar, HLA
- Mark Salvetti, HLA
- Susan Carrol, Tetra Tech NUS
- Steve McCoy, Tetra Tech NUS

## Welcome

Navy RAB Co-Chair Lt. Whipple opened the meeting at 7:09. He welcomed the RAB and others in attendance, and reviewed the agenda. A quorum of community members was present. Penny Felger, Bruce Hossfield, Bob Underwood, and Thomas Yost were noted as excused. Five members of the public were also in attendance. Co-Chair Whipple invited members of the public to sign in and join the NTC community mailing list.

## RAB News

Co-Chair Whipple thanked Ann Williams for inviting himself and Wayne Hansel to the June meeting of the Colonial Town neighborhood association. Ms. Williams noted that about 90 residents attended the meeting, and expressed appreciation for the Navy's attendance.

## RAB Administration and Comments

**May RAB Meeting Summary:** The May meeting summary was approved without comment.

**Upcoming Meeting Schedule:** The next RAB meeting was scheduled for September 16, 1998 at 7 p.m. in the Winter Park City Commission Chambers. Lt. Whipple asked the members for special topic suggestions for the September meeting.

## BRAC Update/Upcoming Activities

Wayne Hansel provided an update on ongoing and upcoming environmental activities at NTC. His full report is summarized in Attachment D. New information since Mr. Hansel's May meeting report is presented below:

**Main Base, Operable Unit (OU) 3 (Recruit Training Area)** - the draft Remedial Investigation (RI) report was submitted to the Orlando Partnering Team (OPT) for review on July 10.

**Main Base, OU 1** - Environmental monitoring at the site is continuing.

**Main Base, other sites** - Reports recommending no further action for SAs 30 (the Automotive Hobby Shop and vicinity) and 42 (the Maintenance Shop) have been issued for signature. A final report on the interim soil removal at SA 27 (the Security Building and vicinity) has been signed by the Navy, U.S. Environmental Protection Agency (USEPA), and Florida Department of Environmental Protection (FDEP). The Navy's Environmental Detachment Charleston will remove contaminated soil at SAs 35 (the Auto Maintenance Facility) and 37 (the Flammable Hazardous Waste Storage area). Groundwater monitoring wells will be installed after soil

removal at SA 37. Additional groundwater sampling completed at SA 36 (the Public Works Lumber Storage and Shops). Sampling results are pending. A Remedial Action report was issued in May for SA 40 (Softball Field and Bottle Landfill).

***Interim Action at Area C (OU 4)*** - Performance monitoring of the recirculation wells is continuing. In general, both wells are operating at the desired flow rates, and recent sampling indicates an overall decrease in industrial solvent compounds entering Lake Druid. Recent data indicate the solvent recovery rate of the wells is approximately 90 percent.

***RI at Area C (OU 4)*** - A report on the potential for natural attenuation (allowing groundwater contaminants to degrade through natural biological processes) at the site has been distributed to the OPT. The draft RI report is expected in August.

***Herndon Annex*** - The OPT has decided to install three additional monitoring wells in September, and to sample and collect water level measurements at all wells at SA 2 (the Septic Tank/Leach Field).

***McCoy Annex Sites*** - second groundwater sampling round at SA 52 (a former research laboratory) was completed in May. Results show a substantial decrease in pesticide contaminants since last October. Results continue to suggest that the source removal of contaminated soil was effective. Final Remedial Action report issued for SA 23 (the Old Football Field). Groundwater, surface water, and sediment sampling at new monitoring wells at SA 17 (Training Material Storage area) completed in June. Samples were collected from drainage canal at southern border of site.

***Screening Sites*** - draft site screening report on soil sampling at SA 54 (McCoy Annex Background Soil Sample Location) is being prepared. SA 54 is located north of the golf course. Estimates are that up to one foot of soil was removed from site during Army Reserve activities. Site screening workplan for SA 55 (Area C Hazardous Material Storage Area) approved by FDEP, field work scheduled for early August.

***Petroleum Tank Program*** -

- a Remedial Action Report for Building 7174 (the Kwik Shop Gas Station, McCoy Annex), a follow-up to recent removal of contaminated soil and storage tanks, is being prepared and is expected in September. Some groundwater contamination still remains after soil removal.

- final groundwater sampling at Building 200 (Main Base Fire Fighting School) completed in July, lab analytical results are pending. A report on the sampling results is expected in August.
- groundwater sampling under the monitoring program at Building 218 (Main Base Recruit Training Command) completed in May, lab analytical results are pending. A report, including a recommendation on future site status, is expected in late July.
- soil sampling and groundwater monitoring well installation and sampling at Buildings 7182 (McCoy Annex Housing Office) and 7125 (McCoy Annex Bachelors Enlisted Quarters and Material Storage) completed June and July. Building 7125 results show some soil contaminants, Navy is working with Orange County on using microorganisms to address contamination.
- a Remedial Action Plan for groundwater contamination at Building 7241 (McCoy Annex Roller Rink) is being prepared and expected in July. Plan proposes removal of groundwater containing suspended petroleum (known as free product) and any associated contaminated soil, and then site monitoring in accordance with FDEP regulations. The removal will combine soil excavation with a dewatering process. Environmental Detachment Charleston will perform this work.
- free product being removed from groundwater monitoring wells and piezometers (another instrument used to collect groundwater data) at Buildings 2426 (Main Base Bachelors Officers Quarters), 7171 (McCoy Annex Army Motor Transportation area), and 7241 (McCoy Annex Roller Rink).
- no further action recommendation approved for Building 354 (Nuclear Field "A" School).
- groundwater monitoring wells at seven McCoy Annex sites have been abandoned in accordance with FDEP procedures and no further action approval orders. These sites are now removed from the petroleum storage tank program. Actions at four other sites (two each at Main Base and McCoy Annex) are on hold.

*Property Transfers* - parks parcel at McCoy Annex transferred to the Department of Interior in June 1998; Buildings 253 (Main Base Apprentice Training) and 254 (Main Base Hangar Mockup) transferred to the Florida Department of Corrections in June 1998.

**Transfer Reports** - New additions to the NTC Information Repository in the Orange County Library, 101 East Central Boulevard, Orlando, are:

- draft Addenda to Finding of Suitability for Transfer (FOST) and Environmental Baseline Survey for Transfer (EBST) for Main Base Golf Course and two Main Base sites (these documents also update status of 23 storage tank sites)
- draft FOST and EBST for Navy Exchange parcel at McCoy Annex (note: the Navy will lease back this parcel from the City of Orlando for ten years)
- draft Addendum to Environmental Baseline Survey for Lease for Greater Orlando Aviation Authority parcel at McCoy Annex

**RAB Comments and Questions on the BRAC Update (paraphrased)**

*What is the depth of the recirculation wells at OU 4 and which well had the highest detection of contaminants?* The wells reach a depth of 46 feet below land surface, and are screened to sample and process groundwater at 40 to 45 feet. The northernmost recirculation well recorded the highest detections.

*Should the contaminant recovery rate of the recirculation wells at OU 4 be 100 percent?* A 100 percent recovery rate is not expected with the recirculation well system at OU 4. Such a recovery rate might be achieved with an air stripper groundwater treatment system. However, it should be noted that groundwater goes through two recirculation passes which likely increases the 90 percent recovery rate noted earlier.

*Are there plans to remove buildings at OU 4?* Current plans call for the laundry building to be put up for sale as is once the property is environmentally suitable for transfer. The Record of Decision (the final step prior to actual cleanup at OU 4) is expected in mid-1999. The recirculation wells will continue operating until the permanent cleanup for the site is underway.

Buildings at the south end of Area C will likely be removed by the redeveloper of the site. It is possible that the south end property could be leased or transferred while the OU 4 cleanup continues.

*Is the Lake Druid shore adjacent to OU 4 protected by agreements with the Audubon Society?* No. However, the Navy does work with the St. Johns River Water Management District regarding wetlands protection at the site

### Special Topic: Focused Risk Assessments at McCoy Annex and Main Base Golf Courses

Wayne Hansel updated the RAB on the recent human health risk assessment work at the two golf courses. He noted that the primary objective of the assessments is to determine if the golf courses are suitable for transfer to the City of Orlando for their proposed uses. The proposed use for the McCoy Annex golf course is recreational. The proposed use for the Main Base golf course is primarily residential. This objective prompted investigators to focus on surface soil at these sites. The presentation material is included as Attachment E. Key points of the presentation included:

- site locations and history
- surface soil sampling locations
- health risk estimates for hypothetical future site users
- risk assessment in the property transfer process
- next steps in the risk assessment

Mr. Hansel then provided some detail on the risk studies at each site. He specifically noted the following:

#### **McCoy Annex golf course**

- one soil sample per acre was collected
- chemical compounds known as polyaromatic hydrocarbons (typically associated with petroleum products) and arsenic were found
- sampling results evaluated under applicable State of Florida soil cleanup goals

#### **Main Base golf course**

- focused risk assessment prompted by elevated levels of arsenic in fairway surface soil
- arsenic likely associated with past herbicide application
- additional soil samples collected at a depth of 3 to 4 feet below land surface
- highest arsenic detections in southern end of golf course (active golf course since 1962)
- sampling results evaluated under applicable State of Florida soil cleanup goals
- City of Orlando will conduct soil sampling at the site shortly

#### **RAB Comments and Questions on the Focused Risk Assessment Presentation (paraphrased)**

*How long has the Main Base golf course been active?* The southern portion of the Main Base course has been active since 1962. The northern portion opened in 1990..

*Was Lake Baldwin (adjacent to the Main Base golf course) evaluated during the risk assessment investigations?* Lake Baldwin was not evaluated during the focused risk assessment study. However, earlier surface water sampling in the lake found substances that are consistent with typical urban runoff. Some lead was also found and is probably associated with a former skeet shooting range near the lake. Orange County also evaluates the ecological health of its surface water bodies. Lake Baldwin ranked relatively high in that evaluation. However, a representative from the Orange County Environmental Protection Department noted that the county evaluation focuses on a lake's ability to support aquatic life (including characteristics such as dissolved oxygen and nutrient levels) and not on pollutants associated with hazardous waste.

#### **Other RAB Comments and Questions (paraphrased)**

*Will RAB members have access to the Main Base after that property is transferred?* The Navy is working with the developer on ways to permit access while maintaining security and risk management. Co-Chair Whipple noted that the Navy currently has access clauses in existing leases of NTC property.

*Who is responsible for contamination found after reuse construction starts?* BRAC law states that the Navy is responsible for addressing such contamination.

Co-Chair Whipple concluded the business portion of the meeting by noting John Mitchell's pending retirement from FDEP. Mr. Mitchell said he enjoyed serving on the RAB and wished the board good luck in the future. Co-Chair Whipple also thanked Bill Kollar of HLA (a Navy contractor) for his support of the RAB over the last three years, and introduced Susan Carroll of Tetra Tech NUS as his replacement. The meeting was then opened to community questions.

#### **Community Questions and Comments (paraphrased)**

*Was the Main Base golf course subject to environmental investigations prior to the recent focused risk assessment?* The entire golf course was not designated as a study area because there was no known or suspected release of hazardous waste at the site. Pesticide application alone was not sufficient basis to conduct a detailed investigation under the BRAC process. However, specific areas of the golf course, such as maintenance and storage locations, have been designated as study areas and been fully investigated and cleaned up as necessary.

*Why was the arsenic at the Main Base golf course found just one month before the scheduled transfer of the property?* Elevated arsenic levels in the golf course fairways were found as part of ongoing investigations at OU 3 (the Greenskeeper Storage and former Pesticide Handling and Storage areas). During these investigations, it was noted that arsenic levels were not decreasing as expected in samples taken further from known or suspected sources of the OU 3 contamination.

*What part of Herndon Annex has been transferred?* The Capehart Housing portion of Herndon Annex has been transferred to date.

No more community questions were forthcoming, and Lt. Whipple adjourned the meeting at 8:50.

ATTACHMENT A

**AGENDA**

***NTC, Orlando Restoration Advisory Board Meeting  
July 22, 1998, 7:00 p.m.***

Welcome/Opening Comments                      Navy Co-Chair Lt. Gary Whipple

RAB Administration                              RAB Co-Chairs  
and New Business

BRAC Update                                      Wayne Hansel,  
BRAC Environmental Coordinator

***Special Topic:***

Update on studies at Main Base              Wayne Hansel  
and McCoy Annex golf courses              Steve McCoy, Tetra Tech NUS

Feedback on May meeting:                      RAB Members  
• Technical Assistance for  
Public Participation

Close RAB Business

Community Comments and Questions

Notes:

NTC, ORLANDO RAB MEMBER SIGN-IN SHEET

July 22, 1998

address change

PRINT name clearly	
Kay M. Jewell 220 White Oak Circle Mountford 32751	<del>220</del> Phillip A. Goffe
Nancy Maloney	ALSO: WAYNE HANSEL
ANN WILLIAMS	LT. GARY WHIPPLE
Bob Mackey	
Blanche Olson	
EDWIN GAMBETTA, JR.	
Tom Nelson	
John Mitchell	
Blank Bress	
Geri Wojek	
Dori Wojek	
Nancy Longuey	
Don Fuller	



**Attachment D**

**(Information Repository Copy only)**

# NTC ORLANDO RAB UPDATE 07-22-98

## PROPERTY TRANSFER STATUS

- Parks Parcels at McCoy Annex transferred to Dept. of Interior** June 98
- 253 & 254 transferred to Dept. of Corrections** June 98
- Draft FOST and EBST Addendum for EDC transfer** June 98
- Main Base Golf Course MOU to remediate Arsenic.
  - Add Study Areas 27 and 33 to Transfer because remedial actions are completed.
  - Update tanks status.
- Draft FOST and EBST for the Exchange Parcel at McCoy Annex** June 98
- Transfer Buildings 7150, 7151 and 7153 to Exchange.
- Draft EBSL Addendum for GOAA parcel at McCoy Annex** June 98
- Added areas previously excluded

## TANK UPDATE AND STATUS

FY 97 SARs:	2426	7125-A	129	7239 (NFA) <sup>1</sup>
	7107 (IRA)	369 (NFA)	7121 (NFA) <sup>1</sup>	
	7241-2 (RAP) <sup>1</sup>	7182	354	

**Bldg 7174:** The SAR was issued on 5/5/98 recommending a RAP; FDEP provided comments approving RAP 5/26/98. RAP is being prepared and is scheduled for submittal on September 24, 1998.

**Bldg 200:** Letter report discussing sample results from the first of two required events was issued on 5/20/98. The last sampling event is scheduled for 6/19/98. Groundwater samples were collected on July 19, 1998 from selected monitoring wells, awaiting laboratory analytical results. The report is scheduled for submittal on August 4, 1998.

**Bldg 218:** Fourth quarter MOP sampling completed on 5/28/98. Report will include a recommendation regarding status of the site. Fourth quarter MOP report for Building 218 is scheduled for submittal on July 28, 1998.

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<sup>1</sup> FDEP concurrence

**Bldg 369:** The SAR was issued 4/27/98 recommending an NFA.

**Bldg 354:** SAR requesting an NFA was submitted on June 18, 1998.

**Bldg 7182:** Soil sampling and well installation will take place the week of 6/15/98. Three monitoring wells were installed and sampled on the week of July 6, 1998.

**Bldg 7125:** Soil sampling completed. Well installation scheduled for the week of 6/15/98. Site has some soil contamination. Awaiting results from Orange County regarding introduction of "BUGS" to remediate site. Five monitoring wells were installed and sampled the week of July 13, 1998

**Bldg 7241:** RAP is in progress. Free product appears to be the primary source of continuing contamination. Groundwater contamination is limited to the vicinity of MW-1. Therefore the proposed remedial strategy will be source abatement followed by monitoring only/natural attenuation. Remediation will include:

- source removal (free product) and any associated contaminated soil by excavation
- groundwater monitoring and NA for the remaining contaminated groundwater in accordance with FAC 62-770.700.

The current preferred source removal alternative is a dewatering system to aid in the excavation of the free product/smear zone. This will also reduce groundwater contamination. In addition, NA modeling based on site specific data will be used to justify monitoring only for the remaining groundwater contamination (which is expected to be at low levels). The Remedial Action Plan (RAP) for Building 7241 is scheduled for submittal on July 22, 1998.

Monitoring wells at Buildings 7153, 7184, 7187, 7202, 7239, 7240, and 7253 were abandoned on June 16, 1998, completing the requirements stated in the NFA Approval Orders and closes out the petroleum storage system sites.

**Bldgs 129, 2273, 7171 and 7175:** actions are still on hold.

Notes:

- Navy environmental coordinator is in the process of removing (bailing) free product from wells and piezometers at Buildings 2426, 7171 and 7241.
- Well abandonments at sites which have received an NFA are scheduled for the week of 6/15/98.

## IR UPDATE AND STATUS

### OPERABLE UNITS

- ✓ **OU 3:** The (Draft) RI report was submitted to the OPT on July 10.
- ✓ **OU 4 IRA:** A total of 11 Trolls are currently monitored to evaluate recirc well hydraulic performance. In general, both wells have been operating at or close to the desired flowrates since the mid-May O&M. However, maintaining this level of performance has required several subsequent O&M visits by the vendor.

The revised performance monitoring and sampling plan calls for the sampling of two drivepoints (DP-2 and DP-5), two monitoring wells (OLD-13-22B and OLD-13-09A), and influent and effluent concentrations for both wells. In general, the recent sampling events suggest a downward trend in VOC concentrations entering the lake. However, UVB1 was recently exceeding discharge criteria for PCE and DCE.

- ✓ **OU 4 RI/FS:** The OU4 RI report has entered internal HLA senior review, and is on schedule for release in early August. The NA Tech Memo is complete, and will be distributed at the current (July) OPT meeting. General findings of the RI, the risk assessment, and the NA report will also be presented at the July OPT.

### GROUPS IV AND V:

- ✓ SA 30: Final report recommending NFA (1/White) issued for signature at June OPT.
- ✓ SA 35: Soil removal to be conducted by Environmental Detachment Charleston (DET).
- ✓ SA 36: Monitoring wells installed and sampled. Awaiting data validation.
- ✓ SA 37: Soil removal to be conducted by DET; well installation to follow soil removal.
- ✓ SA 42: Final report recommending NFA (1/White) was issued for signature at June OPT.

### OTHER STUDY AREAS:

- ✓ **SA 2:** Received FDEP comments 5/15/98, USEPA comments 6/4/98. HLA submitted response to comments at June OPT meeting. Decision: install two additional wells, sample all wells, collect water level measurements all wells and piezometers.

✓ SA 17: Groundwater sampling at new monitoring wells completed in June. Groundwater samples were collected from drive points placed in drainage canal located along southern border of site. Surface water and sediment samples were also collected from the canal. McCoy

✓ SA 27: Final report signed by BCT members following June OPT meeting.

✓ SA 30: Final report signed by BCT members following June OPT meeting.

✓ SAs 23 & 40/ Completed and issued the FRA reports on 5/18/98.

✓ SA 52: Second round of sampling in well OLD-52-13 (dieldrin exceedance) occurred on 5/1/98. Results thusfar in well OLD-52-13 (FDEP Groundwater Guidance Concentration for dieldrin is 0.1 g/l):

- 10/97 5.6 g/l dieldrin
- 02/98 0.20 g/l dieldrin
- 05/98 0.31 g/l dieldrin

SA 54: Draft site screening report on the two background surface soil sample locations (ORS00901 and ORS01601) in progress. The area of the western sample (ORS00901) has been subject to construction activity from the Army Reserve Center, primarily removal of trees and vegetation. Estimate that up to 1 foot of surface soil has been removed, whereabouts unknown.

SA 55: Final site screening workplan (letter) approved by FDEP. Field activities will take place in late July or early August.

**STUDY AREA STATUS:**

- 54 study areas have been screened<sup>1</sup>
  - ⇒ 37-1/2 SAs have been submitted as final and approved for NFA: 1,3,4,5,6,7,8[WWTP],10,11,15,16,19,20,21,22,24,25,26,27,28,29,30,31,32, 33,34,38,41,43,44,45,46,47,48,49,50,51,53
  - ⇒ 7 SA reports required ( 2, 17, 18, 39, 40, 52, and 54)
  - ⇒ 4-1/2 SAs became OUs (8 [greenskeeper storage] & 9 [OU3]; and 12, 13, and 14 [OU4])
  - ⇒ 4 SAs require removal actions and/or additional screening (23, 35, 36, 37).
  - ⇒ 1 SA report issued final draft at June OPT meeting (42, HLA recommends limited soil removal)

<sup>1</sup> includes SA 54 (background surface soil locations S009 and S016)

⇒ Bldg 1104, SA 55, (alleged PCB storage facility), final workplan submitted to OPT following June meeting. Awaiting team approval to start.

## REPORTS

Project Operations Plan	March 94
Environmental Baseline Survey	December 94
EBS for Transfer, Galley, Building 325	January 95
Background Sampling Plan	February 95
Site Screening Work Plans Group II and III	February 95
EBS for Lease of Herndon Annex	March 95
BRAC Cleanup Plan	March 95
EBS for Transfer of Naval Hospital Property to V.A.	May 95
Background Sampling Report	August 95
Site Screening Plan Groups I through V Study Areas	September 95
Final Group I Site Screening Report	November 1995
Draft Site Screening Report Group II	November 1995
FOSL for Bldg.305	December 1995
Draft Site Screening Report Group III	December 1995
Base Realignment and Closure	
Environmental Site-Screening Report	July 1996
South RTC FOSL	October 1996
Final OU1 RI/FS Report	January 1997
Final OU2 Work Plans	January 1997
OU2 Focused Feasibility Study	February 97
OU2 Draft Design	February 97
OU2 Focused Feasibility Study	February 97
BRAC Business Plan	March 97
Final Site Screening Reports for	
Study Areas 19, 20, 22, 24, 26, 45 & 48	July 97
Final ROD for OU1	November 97
Final Work plan for RI/FS Operable Unit 3	October 97
Final Work plan for RI/FS Operable Unit 4	July 97
Site Screening Report Study Area 25	July 97
FOST and EBS for North and Central McCoy Annex	December 97
FOST and EBS for Florida Army Air National Guard McCoy Annex	February 98
FOST and EBS for North Main Base and Parts of McCoy Annex	April 98
FOST and EBS for South Main Base	April 98
<u>Completion Report IRA SA 30 &amp; SA 27</u>	<u>November 97</u>

To OPT for review:

Completion Report IRA SA 52.	November 97
Draft Site Assessment Report Study Area 2	April 98
<u>Focused Risk Assessment OU2</u>	<u>July 98</u>
<u>Focused Risk Assessment Main Base Golf Course</u>	<u>July 98</u>
<u>Draft FOST and EBST Addendum for EDC transfer</u>	<u>June 98</u>
<u>Draft FOST and EBST for the Exchange Parcel at McCoy Annex</u>	<u>June 98</u>
<u>Draft EBSL Addendum for GOAA parcel at McCoy Annex</u>	<u>June 98</u>

## **Attachment E**

**(Information Repository Copy only)**

# FOCUSED RISK ASSESSMENTS

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- **McCoy Annex Golf Course (OU2)**
- **Main Base Golf Course**

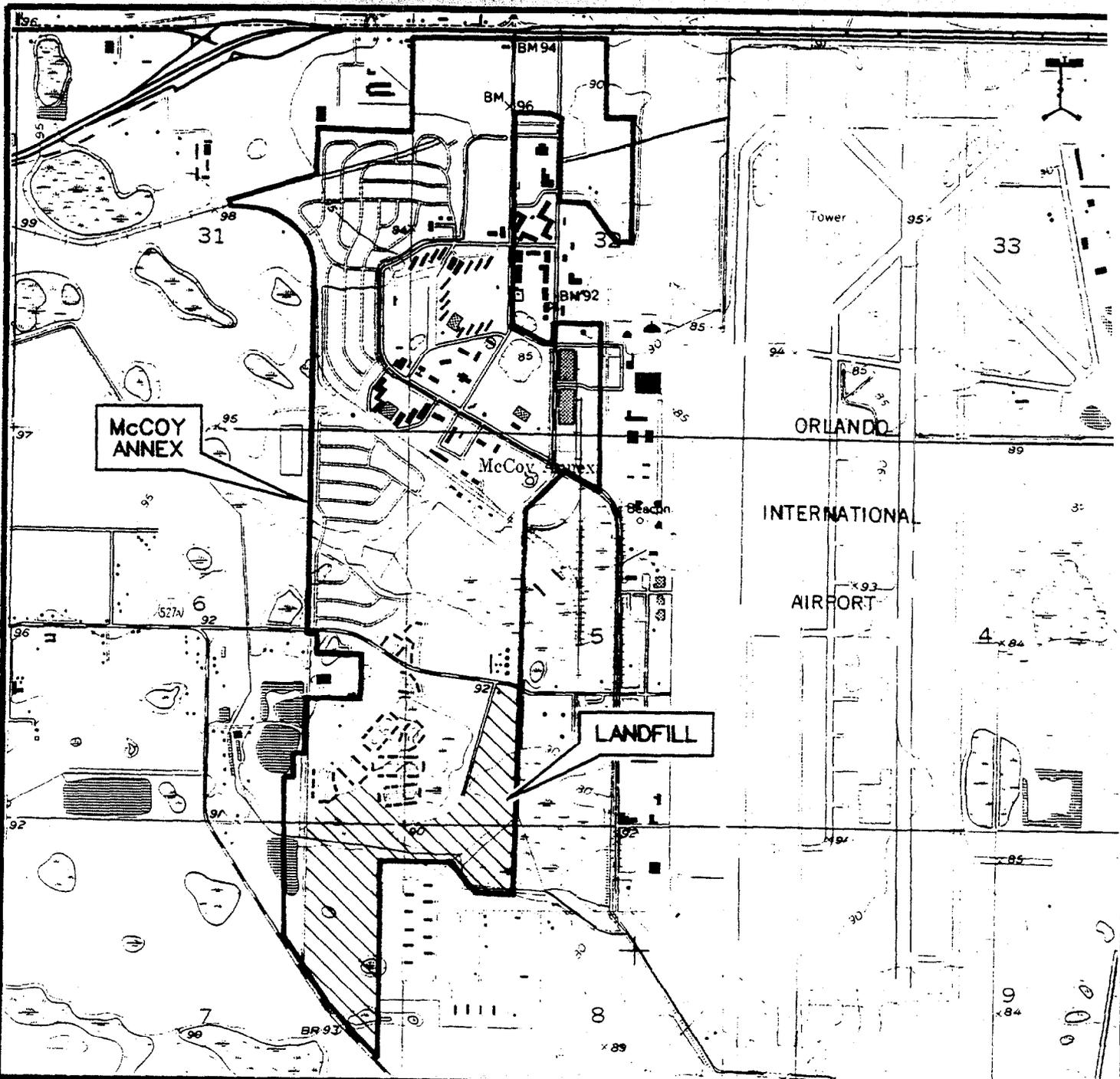


# McCOY ANNEX GOLF COURSE (OU2)

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- **Is the golf course safe to transfer to the City for continued recreational use?**
  
- **Answer: Evaluate surface soils**





TAKEN FROM U.S.G.S. TOPOGRAPHIC QUADRANGLE  
PINE CASTLE, FLORIDA (1960 EDITION).

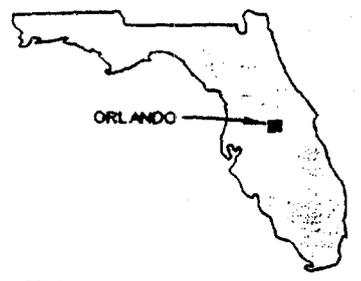
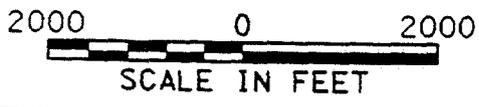
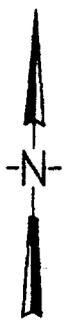


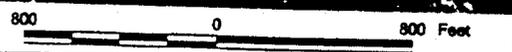
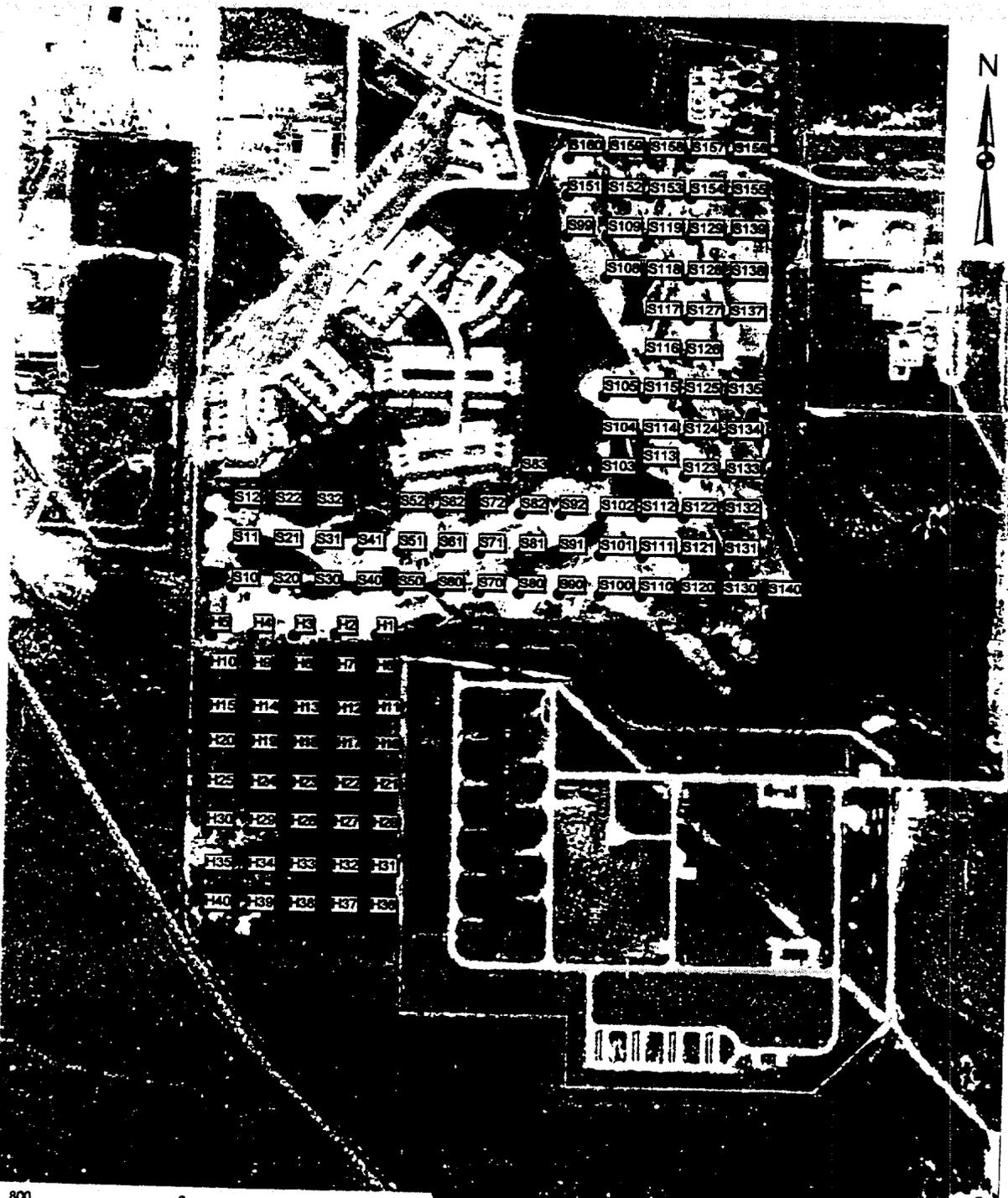
FIGURE 1-2



Brown & Root  
  
 Environmental  
 OAK RIDGE, TENNESSEE

SITE LOCATION MAP  
 McCOY ANNEX LANDFILL  
 TECHNICAL MEMORANDUM  
 NAVAL TRAINING CENTER  
 ORLANDO, FLORIDA

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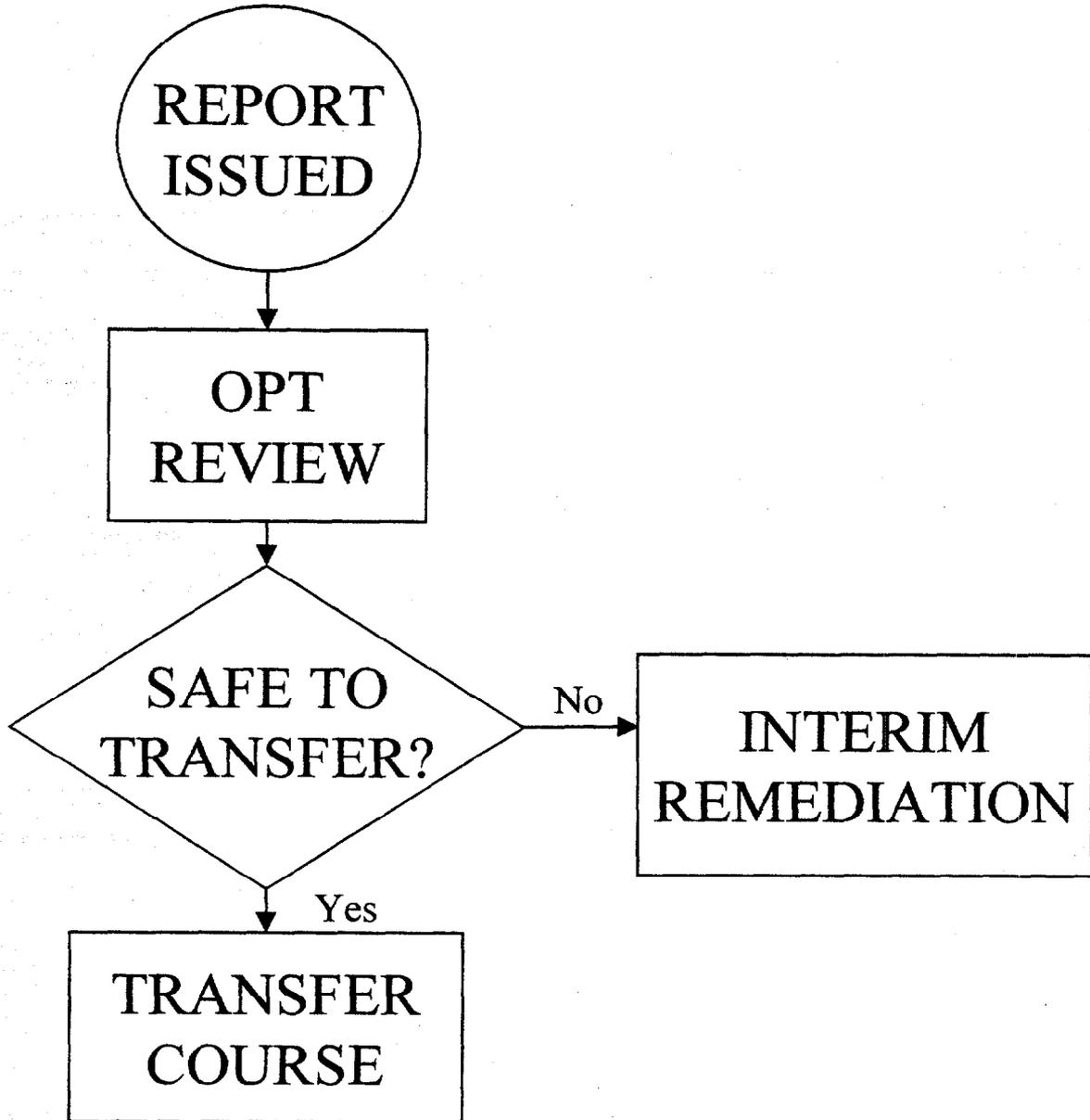
DRAWN BY D. PERRY	DATE 11-JAN-88	Brown & Root Environmental	CONTRACT NUMBER N62457-94-D-0888	OWNER No. —	
CHECKED BY <i>M. Campbell</i>	DATE <i>1/17/92</i>	FIGURE 2-4 SURFACE SOIL SAMPLE LOCATIONS MCCOY ANNEX LANDFILL NTC ORLANDO ORLANDO, FLORIDA		APPROVED BY —	DATE —
COST/CHEDULE-AREA —	—			APPROVED BY —	DATE —
SCALE AS NOTED				DRAWING No. —	REV 0

# EXCESS LIFETIME CANCER RISKS McCOY ANNEX GOLF COURSE

	mg/kg	Recreational User	Maintenance Worker	Resident
Arsenic	1.6	3.8 E-07	4.9 E-07	4.0E06
Barium	7.7	NA	NA	NA
Copper	2.3	NA	NA	NA
Benzo(A)Anthracene	0.3093	1.1 E-07	1.2 E-07	6.3E-07
Benzo(A)Pyrene	0.1419	5.0 E-07	5.5 E-07	2.9E-06
Benzo(B)Fluoranthene	0.3003	1.1 E-07	1.2 E-07	6.1E-07
Dibenzo(A,H)Anthracene	0.0862	3.0 E-07	3.3 E-07	1.7E-06
Indeno(1,2,3-Cd)Pyrene	0.293	1.0 E-07	1.1E-07	5.9E-07
Total		1.5E-06	1.7E-06	1.0E-05

# WHAT'S NEXT?

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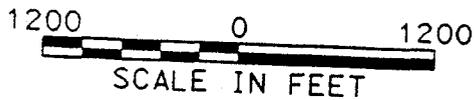
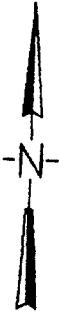
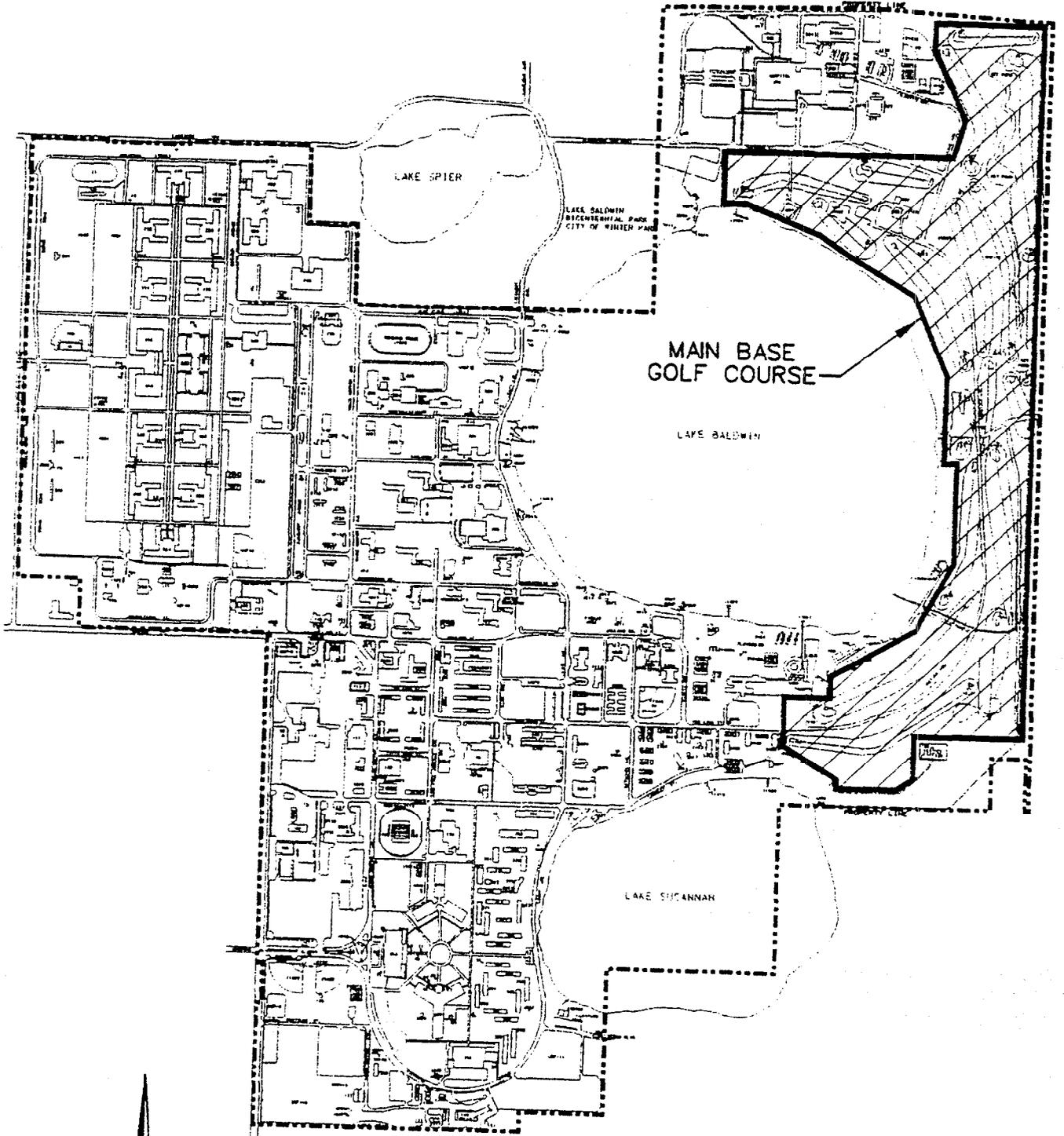


FIGURE 1-2

Brown & Root



Environmental

OAK RIDGE, TENNESSEE

SITE LOCATION MAP  
MAIN BASE GOLF COURSE  
TECHNICAL MEMORANDUM

NAVAL TRAINING CENTER  
ORLANDO, FLORIDA

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# MAIN BASE GOLF COURSE

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- **Is the golf course safe to transfer to the City for residential use?**
- **Answer: Evaluate surface soils**



# EXCESS LIFETIME CANCER RISKS MAIN BASE GOLF COURSE

	mg/kg	Recreational User	Maintenance Worker	Resident
Arsenic	1.6	3.8 E-07	4.9 E-07	4.0E06

# WHAT'S NEXT?

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- **City sampling soils**
- **Clean up site for intended reuse**
- **MOU with City**



## ***Environmental Meeting - Public Invited***

### **Restoration Advisory Board Naval Training Center, Orlando**

The Naval Training Center's Restoration Advisory Board (RAB) will hold its regular meeting concerning ongoing environmental studies and cleanup at NTC.

**When: 7:00 - 9:00 P.M.  
Wednesday, July 22, 1998**

**Where: Winter Park City Hall  
City Commission Chamber - second floor  
401 Park Avenue South, Winter Park**

The special topic for the meeting will be a briefing on activities at the Main Base and McCoy Annex golf courses. The current status of all NTC environmental program sites will also be presented. An open floor period for community comments or questions will follow the RAB business portion of the meeting.

Documents on the environmental program at NTC, Orlando, including summaries of prior RAB meetings, are available for public review at the Orange County Library, 101 East Central Avenue, Orlando. They are located in the Information Repository in the Social Sciences Department (Aisle 27) on the second floor.

#### ***Need More Information?***

**Call Lt. Gary Whipple at 646-4735**

**or**

**Penny Felger at 657-8276**

ATTACHMENT G

NAVAL TRAINING CENTER, ORLANDO  
 RESTORATION ADVISORY BOARD MEETING  
 WINTER PARK CITY HALL COMMISSION CHAMBER, July 22, 1998

COMMUNITY SIGN-IN SHEET (please PRINT clearly)

NAME	ADDRESS (please include zip code)	TELEPHONE NO. (day/evening)	AFFILIATION (if any)	Would you like to be added to our mailing list?
MAJ. & MRS AL GREENE (Ret)	507 S-WAKEMONT AVE WINTER PARK 32792	(407) 647-2399	Ret.	Yes
Rick Baird	Orange County EPD 2002 E. Michigan St Orlando 32806	836-7400		yes
Nancy Mellon	3239 Middlesex Rd Orlando, FL 32803	898-9396	CTCF	No
Larrie Peters	6302 Star Lake Terr Apopka FL 32703	393-3805	NAVS	