



FOST 5 CLEANUP SITES UPDATE

July 10, 2008

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BRAC Environmental Coordinator

PMO NE



FOST 5 Sites

Active Sites	Closed/Completed Sites		
<p>IR Site 2 AOC 60 AOC 61 RIA 62 RIA 104 RIA 110 RIA 111 RIA 112 RTN 4-18735 (IR Site 4) Main Gate Encroachment Area</p>	<p>AOC 3 AOC 4A AOC 8 AOC 53 AOC 55D</p>	<p>RIA 2A, RIA 2C, RIA 2E, RIA 4B, RIA 5 RIA 9B, RIA 10A, RIA 10B RIA 20, RIA 24 RIA 30B RIA 31, RIA 32 RIA 34, RIA 37 RIA 39 A-H RIA 40, RIA 41 RIA 78A, RIA 89 RIA 95B, RIA 95C RIA 96A, RIA 96B</p>	<p>RTN 3-10739 RTN 3-10858 (RIA 25/IR Site 6) RTN 3-14646 (RIA 19) RTN 3-16598 (RIA 54, RIA 94) RTN 3-19064 RTN 3-24087 (RIA 21) RTN 4-13224 RTN 4-17700 (RIA 109)</p>



Active FOST 5 Sites

Site IDs	Description
IR 2, OU2	Rubble Disposal Area (Long Term Monitoring)
AOC 60	East Mat Drainage Ditch
AOC 61	TACAN Ditch, Outfall, and associated areas
RIA 62	French Stream
RIA 104	Old Swamp River
RIA 110	Southeast Antenna Field
RIA 111	“Old” Hangar 2
RIA 112	West Mat Stormwater Drainage System
MCP	Fire Fighter Training Area
	Main Gate Encroachment Area



RUBBLE DISPOSAL AREA

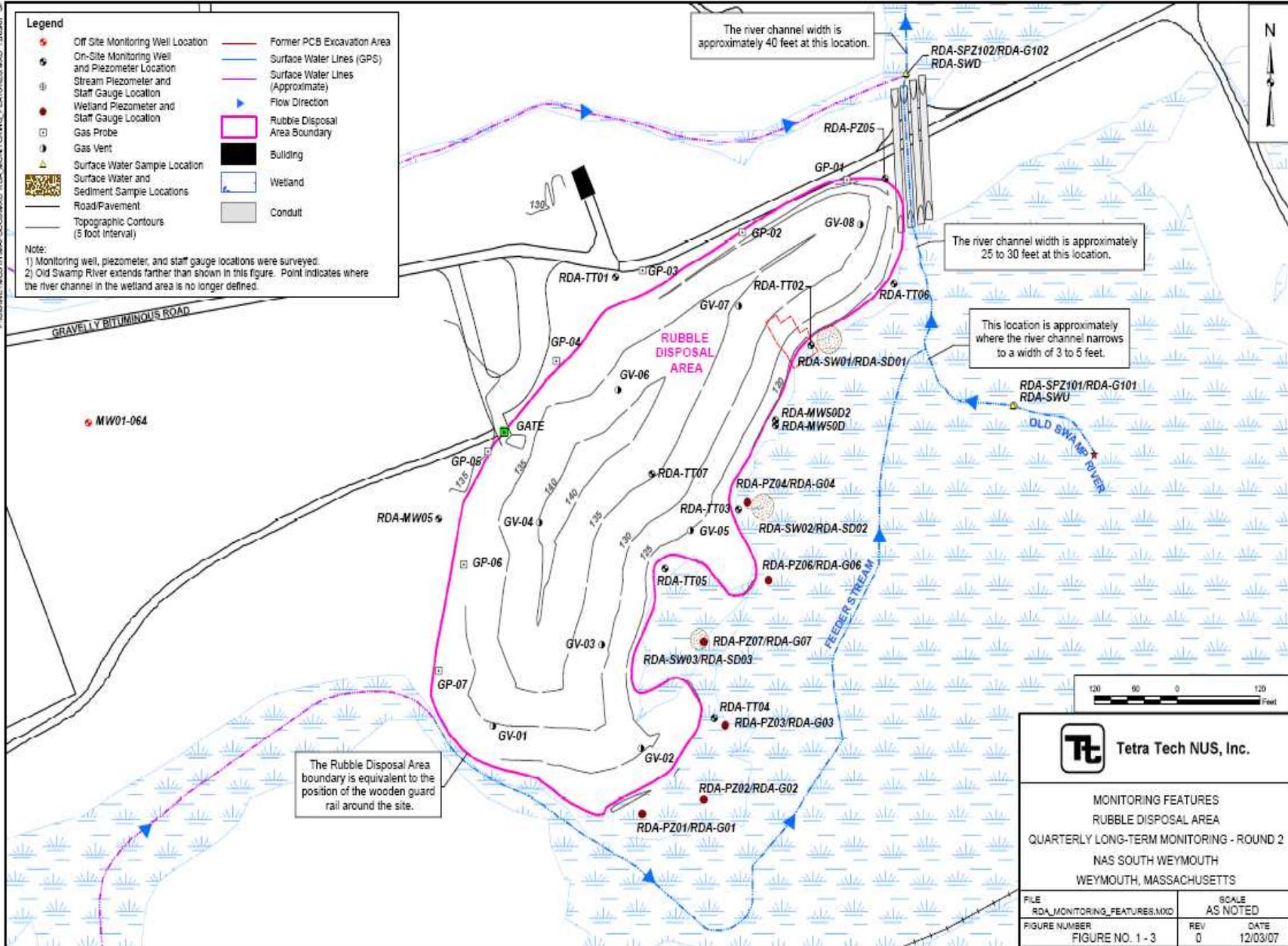
- Actions to Date:
 - PA/SI (1988-1994)
 - RI, phase I and II (1994-2000)
 - FS, PRAP and ROD (2000-2003)
 - Remedial Action (2004-2005)
 - Long Term O&M and Monitoring (Ongoing)
- Actions to Complete:
 - Finalize Land Use Control Implementation Plan (LUCIP)

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Legend

- Off Site Monitoring Well Location
- On-Site Monitoring Well and Piezometer Location
- ⊕ Stream Piezometer and Staff Gauge Location
- ⊖ Wetland Piezometer and Staff Gauge Location
- Gas Probe
- ⊙ Gas Vent
- ▲ Surface Water Sample Location
- Surface Water and Sediment Sample Locations
- Road/Pavement
- Topographic Contours (5 foot interval)
- Former PCB Excavation Area
- Surface Water Lines (GPS)
- Surface Water Lines (Approximate)
- ▶ Flow Direction
- ▭ Rubble Disposal Area Boundary
- Building
- Wetland
- Conduit

Note:
 1) Monitoring well, piezometer, and staff gauge locations were surveyed.
 2) Old Swamp River extends farther than shown in this figure. Point indicates where the river channel in the wetland area is no longer defined.



MONITORING FEATURES
 RUBBLE DISPOSAL AREA
 QUARTERLY LONG-TERM MONITORING - ROUND 2
 NAS SOUTH WEYMOUTH
 WEYMOUTH, MASSACHUSETTS

FILE RDA_MONITORING_FEATURES.MXD	SCALE AS NOTED
FIGURE NUMBER FIGURE NO. 1 - 3	REV 0 DATE 12/03/07



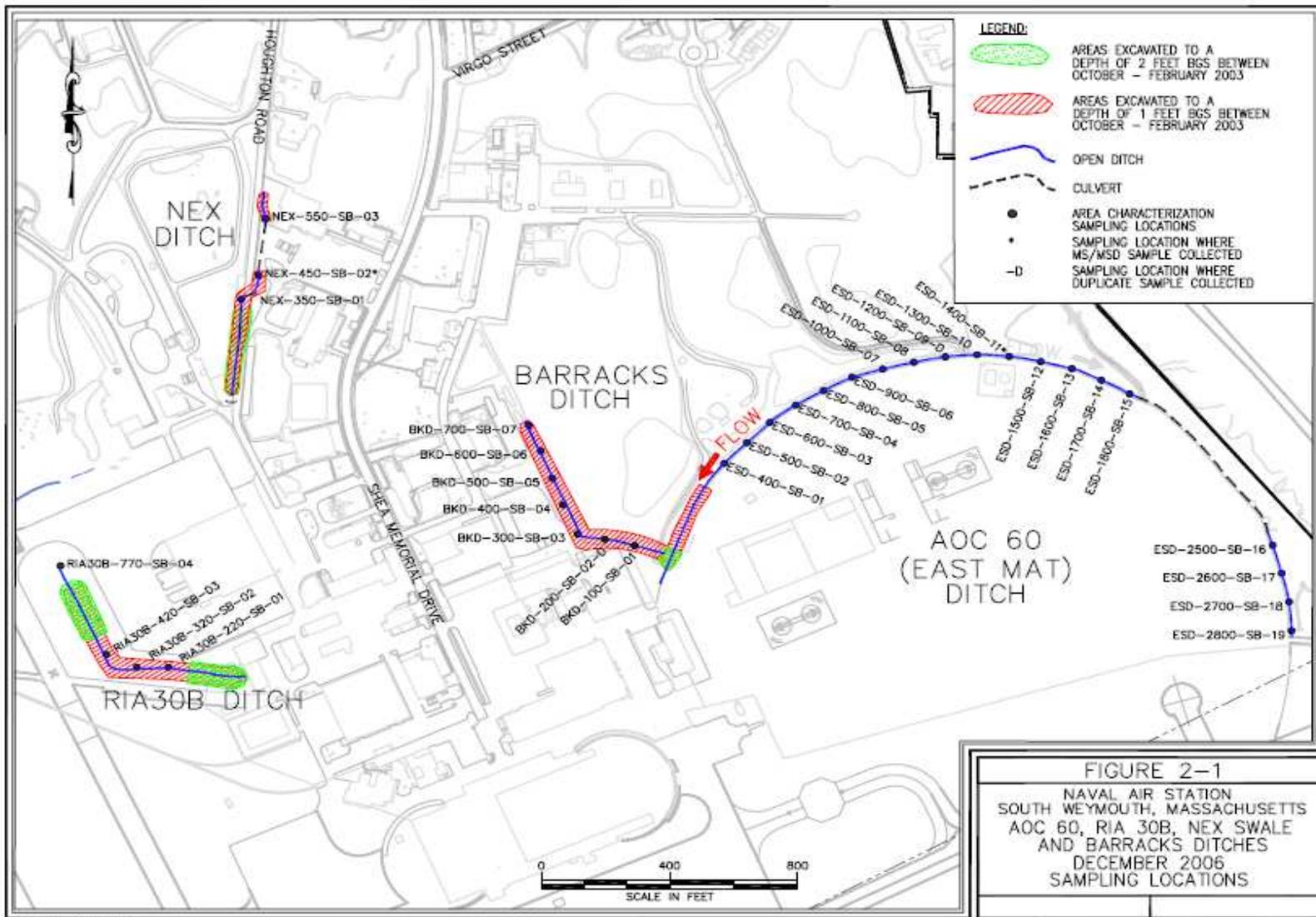
AOC 60 EAST MAT DRAINAGE DITCH

- Actions to Date:
 - EBS Phase I, 1996; EBS Phase II, 1998
 - Streamlined Ecological Risk Assessment
 - Removal Action, Additional Sampling
 - 2nd Removal Action (2007)
- Actions to Complete:
 - Closure Report/Action Memorandum
 - Technical Memorandum
 - Proposed Plan (No Further Action)
 - Record of Decision

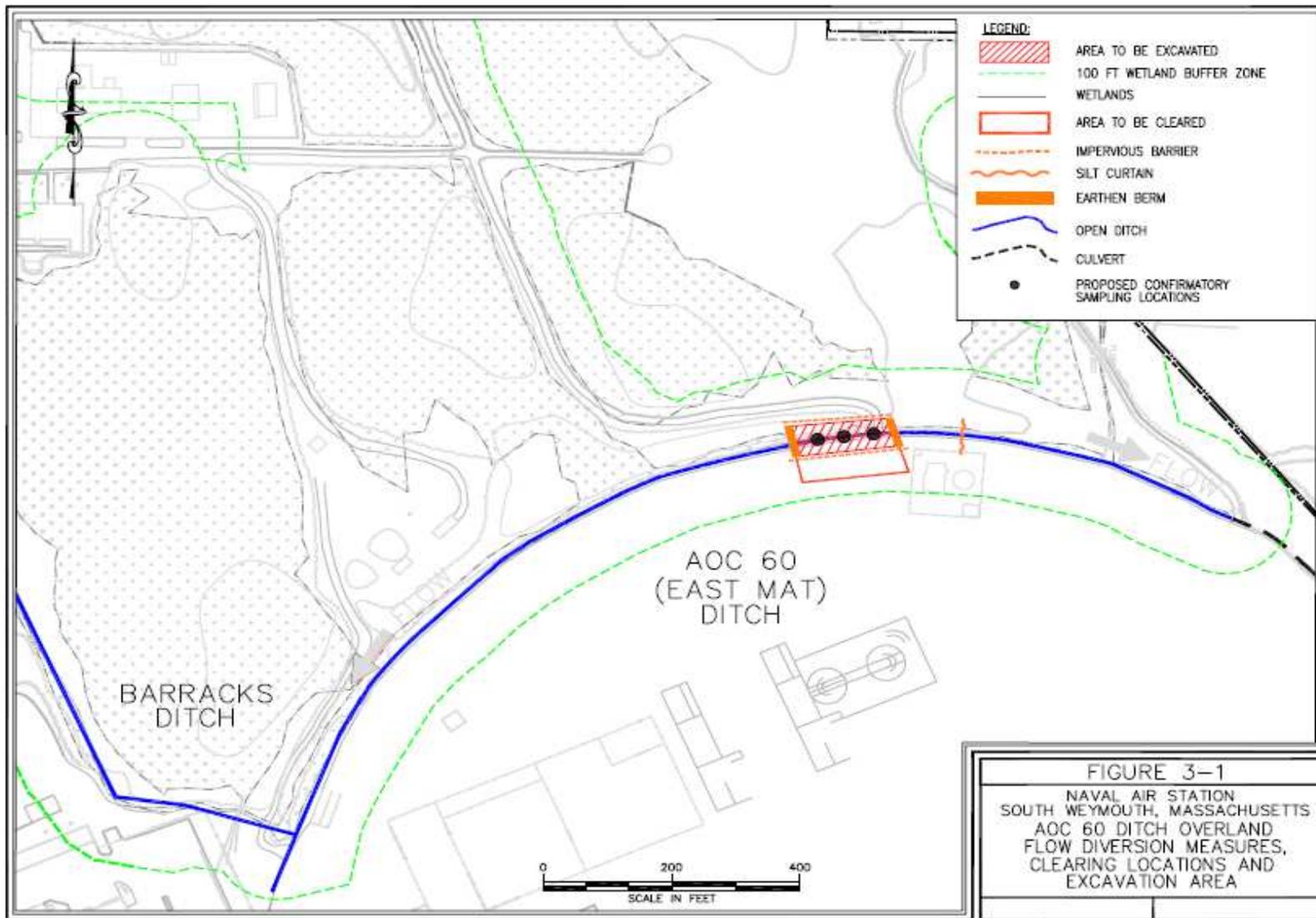


AOC 61 TACAN DITCH OUTFALL

- Actions to Date:
 - EBS Phase I, 1996; EBS Phase II, 1998
 - Engineering Evaluation/Cost Analysis
 - Removal Action
 - Completion Report
- Actions to Complete:
 - Technical Memorandum
 - Proposed Plan (No Further Action)
 - Record of Decision



0400FLC: 2260-FIGURE 1-1.DWG





East Mat Ditch - Removal Action Containment Area



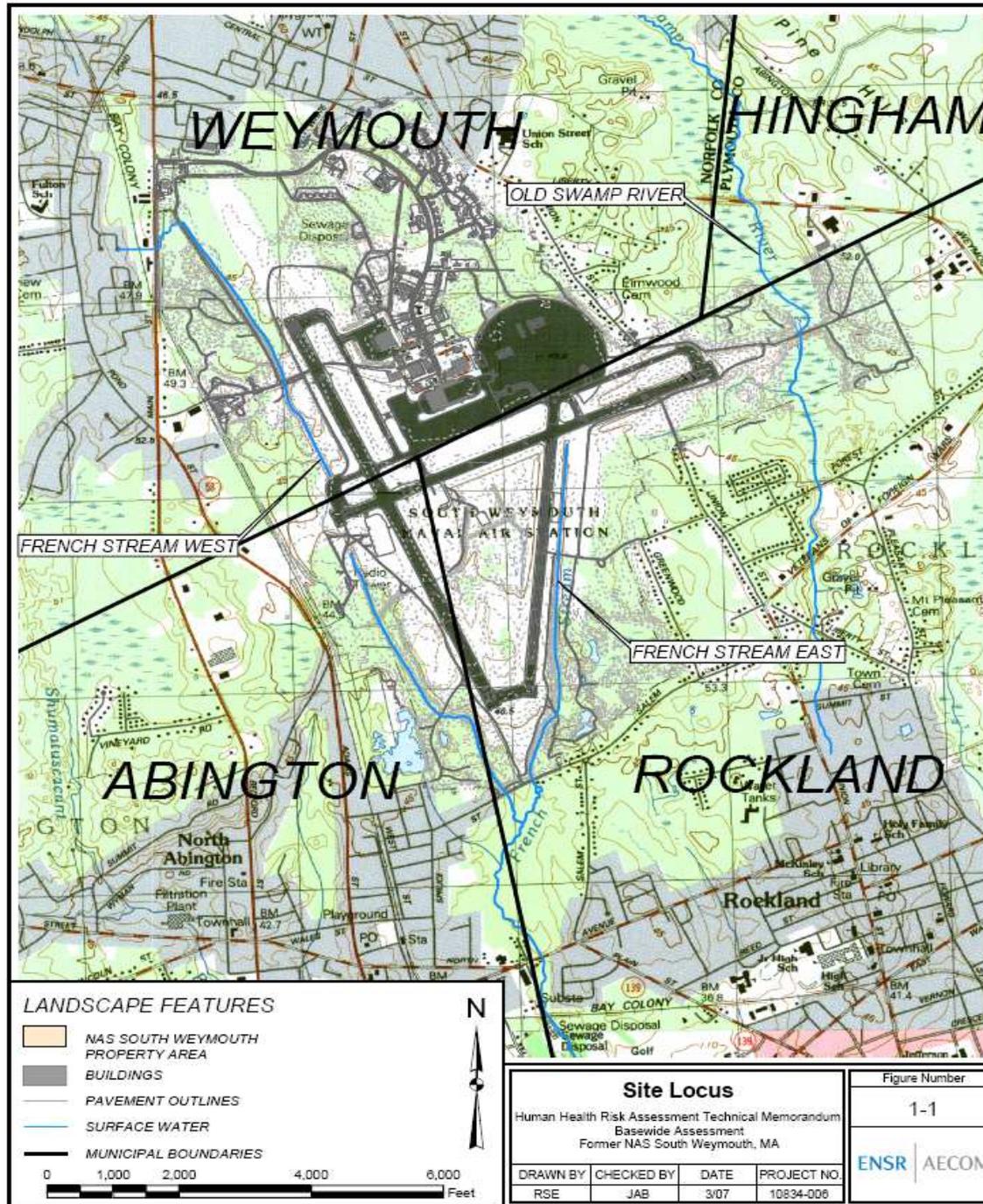
RIA 62 FRENCH STREAM

- Actions to Date:
 - EBS Phase I, 1996
 - Basewide Assessment
 - Human Health Risk Assessment (Floc)
 - Ecological risk Assessment
 - Higher Trophic Level Ecological Risk Assessment
- Actions to Complete:
 - Complete Basewide Assessment
 - Additional Sampling/Data Evaluation
 - Decision Document



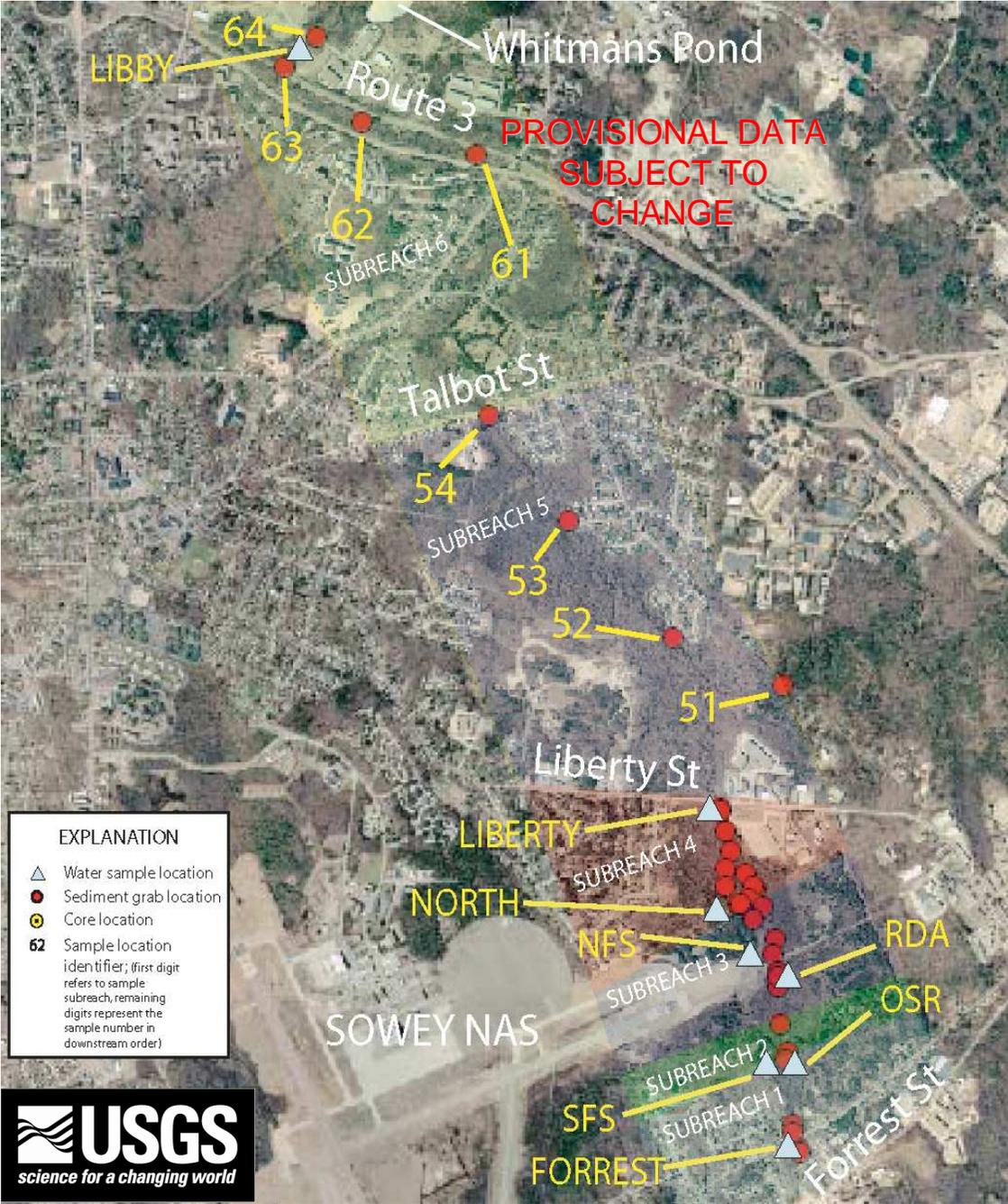
RIA 104 OLD SWAMP RIVER

- Actions to Date:
 - EBS Phase I, errata, 1997
 - Down Gradient Watercourse (Tributaries) Sampling and Removal Action
 - USGS Study
- Actions to Complete:
 - Additional Sampling/Data Evaluation
 - Decision Document



USGS Sampling Locations Along Old Swamp River from the Base Downstream to Whitman's Pond

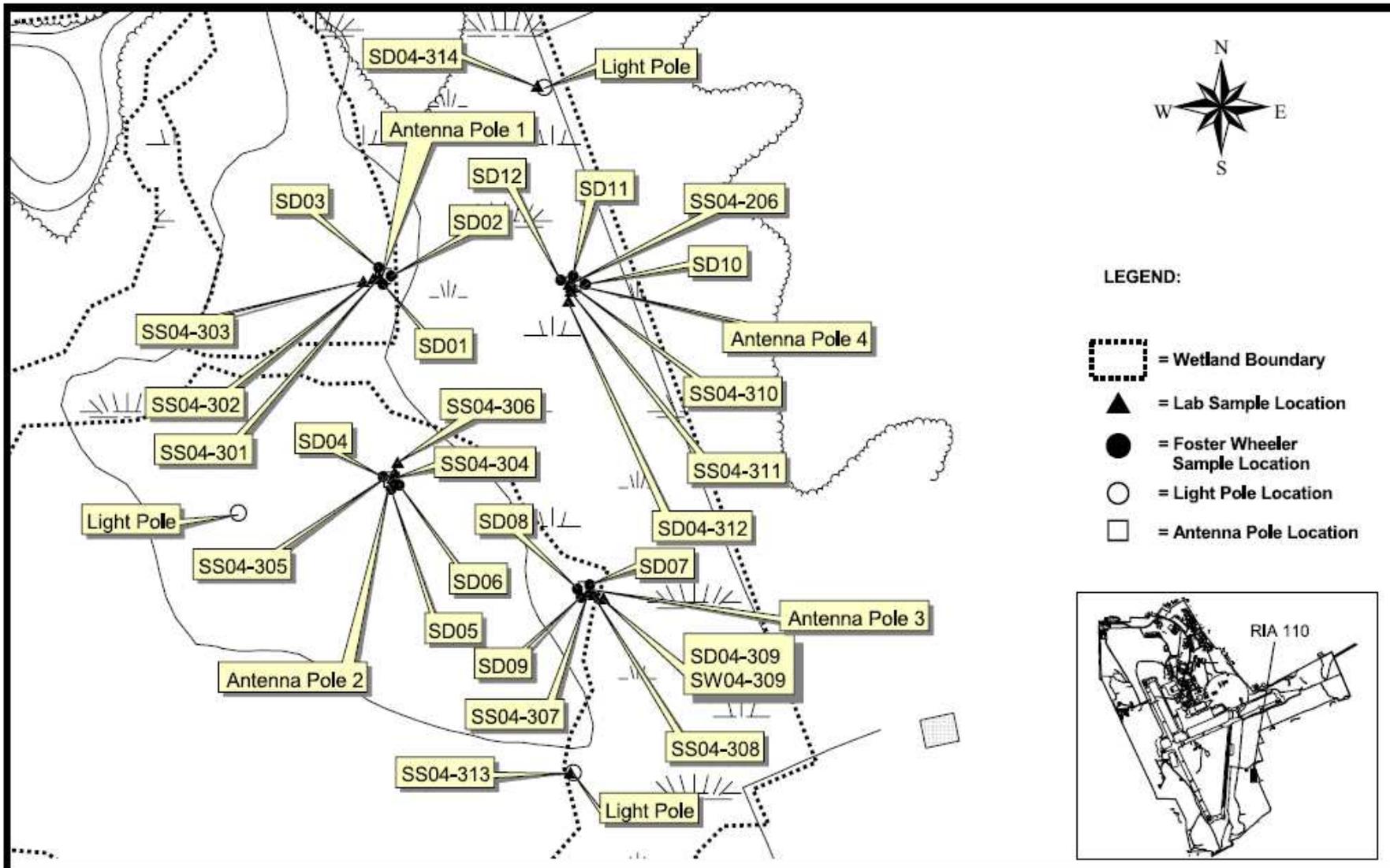
(12/04 RAB presentation)





RIA 110 SOUTHEAST ANTENNA FIELD

- Actions to Date:
 - EBS Phase II
 - Supplemental Sampling
 - Streamlined Ecological Risk Assessment
- Actions to Complete:
 - Decision Document
 - Limited Removal Action (LRA)
 - Response Action Outcome (RAO)



**NAS SOUTH WEYMOUTH
EBS PHASE II**

**Figure 2: Sample Locations
Review Item Area 110 -
Southeast Antenna Field - Wyoming Street**

PROJECT MGR KCC	DESIGNED BY BSM	DRAWN BY BSM	CHECKED BY JJC	SCALE 0 40 80 120 160 Feet 	DATE 09 JUL 04	PROJECT NO 29600.75	FILE No. sw_dd_1.apr
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RIA 110
Antenna Pole





RIA 111 OLD HANGAR TWO

- Actions to Date:
 - RIA 5, GCA Turntable (EBS phase I & II)
 - Catch Basin Sampling (2002)
 - Floor Drain Mapping and Cleaning (2003)
 - Sub-slab Characterization (2007)
- Actions to Complete
 - Additional Characterization and Analysis
 - Decision Document



RIA 112 WEST MAT - STORMWATER DRAINAGE SYSTEM

- Actions to Date:
 - System Identification and Sediment Removal
 - Sampling Adjacent to Pipe Breaks
- Actions to Complete:
 - Decision Document (No Further Action)



FIRE FIGHTER TRAINING AREA (FFTA)

- Actions to Date:
 - PA/SI (1988-1994)
 - RI, phase I and II (1994-2000)
 - FS, PRAP and ROD (2000-2004)
 - Notice of Responsibility (2004)
 - Release Abatement Measure (2005-2007)
- Actions to Complete:
 - Response Action Outcome (RAO) (7/08)

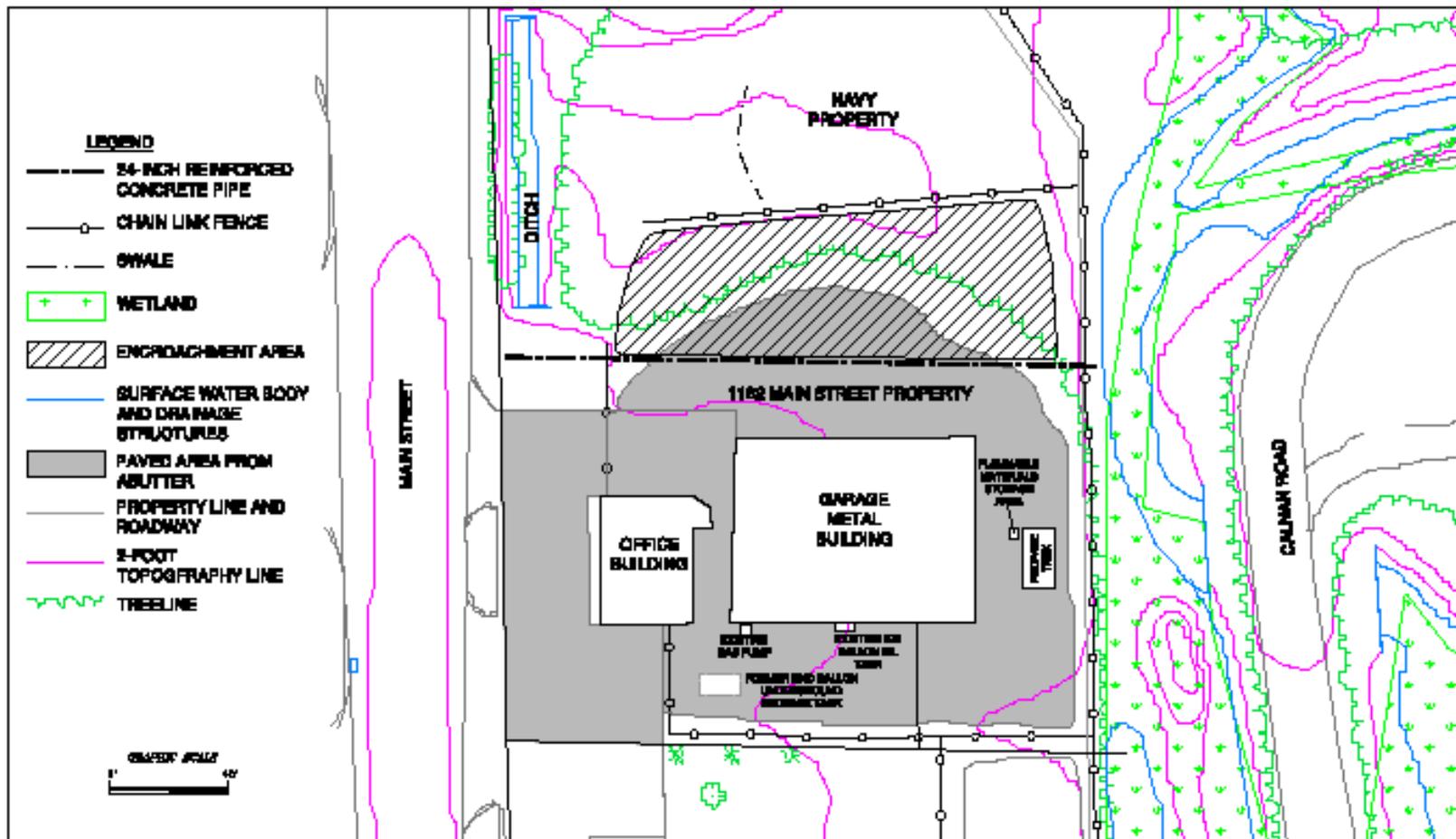
FFTA – Swale post-remediation





MAIN GATE ENCROACHMENT AREA

- Actions to Date:
 - Noted by SSTTDC, Verified by Navy (2006)
 - Sampling Work Plan (2008)
 - Sampling Field Work (2008)
- Actions to Complete
 - Sampling Field Report
 - Decision Document



TETRA TECH INC.

SITE MAP
 MAIN GATE ENCROACHMENT AREA
 NAVAL AIR STATION SOUTH WYOMOUTH
 WYOMOUTH, MASSACHUSETTS

SCALE
AS NOTED

PLT
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REV 0 DATE 01/11/08

FIGURE NUMBER
2-2



Next Steps

- FOST 5a Released for Comment (7/08)
 - Goal: Transfer by end of September (2008)
 - Transfer FOST 3 and 4
 - LIFOC FOST 5b and FOST 6 acreage
- FOST 5b Released for Comment (10/08)
 - Goal: Transfer by end of December (2008)

Technical Assistance Grants (US EPA)

Robert Shewack
US EPA Region I TAG Coordinator
07/10/2008

History of TAG Use at South Weymouth

- North South Rivers Watershed Association (NSRWA) was awarded a TAG grant for the site from 4/1/95-3/31/01 and was officially closed as of 8/7/02.
- A letter of intent was received from the Watershed Action Alliance of Southeastern MA in August 2006 and the group decided not to pursue the grant in December 2006.

Purpose of TAG Funds

- The TAG program provides money to community groups to pay for technical advisors to interpret and explain technical reports, site conditions, and EPA's proposed cleanup proposals and decisions.
- In the case of South Weymouth Naval Air Station, TAG funds are a vital resource that can be utilized to ensure that environmental cleanup actions are adequate for the planned redevelopment of certain parcels.
- At other Superfund sites nationally, TAGs have been used for targeted oversight of investigations, cleanup activities, and redevelopment efforts.

TAGs – Budgetary Issues

- EPA will award a TAG grant for up to \$50,000. Additional funds may be available and the grant initially can be used for up to three years with extensions possible if needed. Only one TAG can be given for each Superfund site.
- To receive a TAG grant, your group must contribute a matching share of at least 20% of the total project costs. This match is usually not difficult to provide and usually consists of donating volunteer hours and other “in-kind” services.

Use of TAG Funds

The technical advisor can be paid for the following:

1. Reviewing site-related documents from EPA or others.
2. Meet with your group and other community members to explain site information.
3. Make site visits, when appropriate and necessary, to learn more about site activities.
4. Travel to meetings and hearings about the site.
5. Evaluate plans for reusing the site after it is cleaned up.
6. Interpret and explain health-related information.

Use of TAG Funds

The majority of TAG funds must be used for the technical advisor, but the following are also considered allowable expenses:

1. Supplies.
2. Office Equipment.
3. Pro-rated portion of rent.
4. Assistance with grant administration.
5. Incorporation costs.

Use of TAG Funds

TAG Funds **cannot** be used for the following:

1. Travel expenses of group members.
2. Lawsuits or other legal actions.
3. Lobbying.
4. Social activities, fund raising, etc.
5. Tuition or training expenses for group members or the technical advisor (except for one-time health and safety training for the advisor to gain access to the site).
6. Collection of new health or primary data.
7. Reopening or challenging final EPA decisions.

Eligibility of Community Group

- Your group may apply for a TAG if your members' health, economic well being, or enjoyment of the environment is, or may be, hurt by the Superfund site. It is very important that your group represents the community at large.
- Your group does not need to incorporate for the purposes of applying for the TAG grant; however, to receive a TAG your group must incorporate for the purpose of participating in decision-making at the site.

Eligibility of Community Group

Community groups that can apply for a TAG grant include:

1. A community group which was formed because of issues and concerns it had about the site.
2. A group that has been actively involved at the site and that includes all the affected individuals and groups who joined in applying for the TAG.
3. A group made up of several groups that came together to deal with community concerns about the site and its effects on the surrounding area.

Eligibility of Community Groups

Groups that are ineligible for a TAG include:

1. Potentially Responsible Parties.
2. Groups representing or receiving money or services from a PRP.
3. Academic institutions like colleges or universities.
4. Groups affiliated with a national organization.
5. Political subdivisions like states, counties, cities, townships or tribes.
6. Groups created by, representing, or receiving money or services from any of the groups described above that are not eligible.

Application Process

The total application and award process typically takes between five and six months.

1. The community group writes EPA a Letter of Intent.
2. EPA informs the rest of the community through advertisement in a local newspaper that your group is interested in a TAG.
3. Other interested groups have 30 days to coalesce with your group or write their own Letter of Intent if they choose to compete for the TAG funding.
4. After the initial 30-day period, interested groups will have another 30 days to submit applications.

Post-Award Administration

- Reimbursement requests (SF-270) must be submitted to the EPA requesting reimbursement for expenses incurred including technical advisor costs.
- Progress Reports must be submitted quarterly.
- MBE/WBE and Financial Status Reports must be submitted annually.

Additional Questions

Resources:

Technical Assistance Grant (TAG) Program: Fact Sheet

- Hardcopies are available and the Fact Sheet can be accessed at http://www.epa.gov/superfund/community/tag/download/quick_5-15-03.pdf

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