FY 19 Environmental Program Update and Opportunities
SAME Orange County Post
NAVFAC Southwest
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NAVFAC Southwest
NAVFACSW Hot Topics

• Changes, changes, changes
  – Construction at/near building
  – New Government Administrative Facility
  – Reorganization to NAVFAC PAC
  – Reorganization to CNIC

• PFOA/PFOS updates

• Follow the money

• Contracts

• Upcoming
NAVFACSW Current Surroundings

Old Broadway Complex

We are Here

New Development with Navy Building

We Will be Here
Major Construction Outside of Our Windows
Re-alignment from NAVFACLANT to NAVFACPAC
Anticipate changes under NAVFACPAC and CNIC

• More focus on the Pacific and Far East
  – NAVFACSW will have more awareness on projects in Pacific/Far East
  – Areas include:
    • Hawaii
    • Guam
    • Japan
    • Singapore
    • Northwest

• Organization under CNIC
  – Money flow is different
    • Environmental funding will not go straight to NAVFACSW, instead goes through Region or CNIC first
  – Not clear yet on the affects on Contracts and Funding
PFAS Overview – Background

• **Emerging contaminants**
  • No Safe Drinking Water Act (SDWA) regulatory standards
    • EPA issued a non-regulatory lifetime health advisory (LHA) for PFOA and PFOS in drinking water
  • Not currently regulated under CERCLA or RCRA
  • Limited toxicological information available
  • Limited EPA standard analytical method for environmental media
  • Number of “total” PFAS keeps climbing

• **Why DoD/DON is responding to PFAS?**
  • Growing national interest in potential health effects from exposure
  • Environmental and biological persistence
    • Distributed worldwide in animals and humans
  • EPA Office of Water has issued Administrative Orders based on the LHA
Navy PFAS Policy Overview

• Interim Per- and Polyfluoralkyl Substances (PFAS) Site Guidance for NAVFAC Remedial Project Managers (RPMs)/September 2017 Update NAVFAC memo;
• PFC/PFAS – Identification of Potential AOCs DON ASN (E) memo – 20 Jun 2016;
• AFFF Control, Removal and Disposal Policy DON ASN (E) memo – 17 Jun 2016; and
• Frequently Asked Questions: Perfluorinated Compounds (PFC)/ Perfluoroalkyl Substances (PFAS) DON ASN (E) memo – 15 Jun 2016;
• PFCs Drinking Water System Testing Requirement DON ASN (E) memo – 14 Jun 2016;
• Testing for Perfluorochemicals (PFCs) in Drinking Water BUMED memo – 24 Dec 2015.
• Navy Drinking Water Sampling Policy for Perfluorochemicals, Perfluorooctane Sulfonate and Perfluorocatanoic Acid OPNAV CNO N45 memo – 14 Sep 2015;
• Perfluorinated Compounds (PFCs) – An Emerging Environmental Issue DON ASN (E) memo – 21 Oct 2014
Addresses issues in the following areas:

- Drinking water on DON active and BRAC installations
- Impacted public and private drinking water off installation
- DON cleanup program
  - Groundwater by conducting basewide PA/SI and continue CERCLA process
- Aqueous Film Forming Foam (AFFF)
- 127 DON active and BRAC installations

- COMMUNICATIONS throughout the process is critical.

Next Steps – PFAS PA/SI

- Follow NAVFAC Guidance (27 September 2017)
- Evolving requirements – seek current guidance from ER Manager, PAC/LANT, HQ
- Use NAVFAC “PA/SI Template” for scoping PA/SI work
- Use NAVFAC PA/SI Consistency Instruction for Guidance on how to conduct Basewide PA/SIs
Next Steps – PFAS Challenges in the Future

What we “know”:
- Toxicology challenges: Major response differences between genders, species
- How many compounds? (10s, 100s, 1000s???)

What we DON’T know:
- Lack of Remediation Technologies
- Accredited Analytical methods
- Fate & Transport

https://www.google.com
PFAS Project Costs

- 89 installations were funded in FY18 for PFAS efforts.
- Costs are expected to increase based on results of studies and adding more CERCLA phases.

<table>
<thead>
<tr>
<th>Year</th>
<th>Study</th>
<th>Cleanup</th>
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<tbody>
<tr>
<td>FY16</td>
<td>$9,756</td>
<td>$154</td>
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<tr>
<td>FY17</td>
<td>$14,627</td>
<td>$2,629</td>
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<td>FY18</td>
<td>38,852</td>
<td>4,891</td>
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<td>FY19</td>
<td>28,441</td>
<td>12,272</td>
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<tr>
<td>FY20</td>
<td>39,612</td>
<td>1,643</td>
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<tr>
<td>FY21</td>
<td>15,075</td>
<td>1,095</td>
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<tr>
<td>FY22</td>
<td>5,753</td>
<td>1,079</td>
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</table>

Projects Only
SW Environmental Program Execution ($M)

FY18 Execution $280M

- BRAC $130
- EQ $94
- ERN $55
- Range 10
- NEPA 12
- CR 5
- CN 24
- EC 43

FY11-18 Execution
FY19 Projected Execution

Data contained herein is based on the best available information and is subject to change.

11/26/18
FY18 NAVFACSW EVBL Execution

FY18 EVBL Contract Execution - $280M

- WCF, $23M
- EQ, 94
- ERN, 55
- BRAC, 130

EVBL executed $40M more than original plan
All three teams exceeded original plan

BRAC’s Hunters Point Shipyard Team executed $85M alone

BRAC executed an additional $8M for other FECs that is not shown above

Fleet team executed $8M

Data is current as of 30 Sep 2018

In-house Project Execution

$2.3M charged to perform in-house project execution

Examples:
- Air quality permits and reports
- NEPA projects
- Biological surveys
- Other Environmental Liabilities
- EMS Audits

Over $320M in Volume of Business
- $280M Contract Execution
- $42M Labor

1114 Contract Actions
- 630 Contract Awards
- 484 Contract Actions (de-obs, admin)
FY18 EBL Volume of Business

FY18 Volume of Business - $282M
(Contract & In-House)

<table>
<thead>
<tr>
<th>Client</th>
<th>VOB</th>
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<tr>
<td>BRAC</td>
<td>$130</td>
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<tr>
<td>CNIC</td>
<td>$18</td>
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<tr>
<td>ERN</td>
<td>$55</td>
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<tr>
<td>Fleet</td>
<td>$8</td>
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<tr>
<td>MC</td>
<td>$49</td>
</tr>
<tr>
<td>Other</td>
<td>$21</td>
</tr>
<tr>
<td>Total</td>
<td>$282</td>
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</table>
SW Environmental Restoration Requirements

Cost to Complete $905M

- MRP: $405 M (44%)
- IRP: $500 M (56%)

Data source: FY18 MDY NORM submit (post-snapshot, May 2018)
Projected Environmental Work Trends

1. Increase in industrial stormwater / Municipal Separate Storm Sewer System (MS4) requirements
2. Navy NEPA and National Historic Preservation Act efficiencies and improvement initiatives
3. Increased scrutiny by regulatory agencies
4. Focus on green and sustainable remediation alternatives
5. Increased efforts to identify and address locations with radiological impacts
   a) Historical Radiological Assessments at active installations
   b) Dredging projects
6. Additional investigations for PFAS in groundwater
7. Air permits with broader coverage and additional documentation requirements
8. Underwater munitions response projects pushed to >FY20
9. Continue integration of environmental sustainability across the business line
10. Manpower challenges
## Contract Capacities

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>FY18 Execution</th>
<th>FY19 Planned Execution</th>
<th>FY19 Contract Capacities</th>
<th>FY19-22 Planned Solicitations</th>
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<tbody>
<tr>
<td>Restoration/ BRAC</td>
<td>$185M</td>
<td>$207M</td>
<td>$116M</td>
<td>$1.08B</td>
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<tr>
<td>Compliance/ ORC</td>
<td>$54M</td>
<td>$50M</td>
<td>$148M</td>
<td>$100M</td>
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<tr>
<td>NEPA/NCR</td>
<td>$41M</td>
<td>$40M</td>
<td>$167M</td>
<td>$115M</td>
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<td>TOTALS</td>
<td>$280M</td>
<td>$297M</td>
<td>$431M</td>
<td>$1.29B</td>
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Contract capacity totals for active contracts only; additional capacity is available on expired contracts.

Current mix of contracts

- Small business: 11 active contracts
- Large business: 5 active contracts
- (MACs are counted as 1 contract)
# Planned NAVFAC SW Environmental Contracts

Data is based on the best available information and is subject to change

<table>
<thead>
<tr>
<th>Title</th>
<th>Scope</th>
<th>Type</th>
<th>Duration</th>
<th>Capacity ($)</th>
<th>RFP</th>
<th>Est. Award Date</th>
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<tbody>
<tr>
<td>8(a) EMAC</td>
<td>Restoration</td>
<td>MAC FP, SB</td>
<td>5 yr</td>
<td>95 M</td>
<td>2 / 2018</td>
<td>FY19 Q2</td>
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<tr>
<td>CR MASC</td>
<td>Cultural Resources</td>
<td>MAC FP</td>
<td>5 yr</td>
<td>30 M</td>
<td>6 / 2018</td>
<td>FY19 Q3</td>
</tr>
<tr>
<td>SB EMAC</td>
<td>Restoration</td>
<td>MAC FP, SB</td>
<td>5 yr</td>
<td>240 M</td>
<td>12 / 2018</td>
<td>FY19 Q4</td>
</tr>
<tr>
<td>MARAC</td>
<td>Restoration</td>
<td>MAC CP, SB</td>
<td>5 yr</td>
<td>240 M</td>
<td>12 / 2018</td>
<td>FY19 Q4</td>
</tr>
<tr>
<td>NEPA Infrastructure</td>
<td>NEPA</td>
<td>Single FP, 8(a) SS</td>
<td>5 yr</td>
<td>4 M</td>
<td>12 / 2018</td>
<td>FY19 Q3</td>
</tr>
<tr>
<td>CERCLA/RCRA</td>
<td>Restoration</td>
<td>Single FP, 8(a)</td>
<td>5 yr</td>
<td>20 M</td>
<td>TBD</td>
<td>TBD</td>
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<td>NR MASC</td>
<td>Natural Resources</td>
<td>MAC FP, SB</td>
<td>5 yr</td>
<td>30 M</td>
<td>FY19 Q2</td>
<td>FY20 Q1</td>
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<tr>
<td>Stormwater</td>
<td>Compliance</td>
<td>Single FP, SB</td>
<td>5 yr</td>
<td>100 M</td>
<td>FY19 Q2</td>
<td>FY20 Q3</td>
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<tr>
<td>Exotic Plant</td>
<td>Natural Resources</td>
<td>Single SB</td>
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<td>49 M</td>
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<td>FY20 Q2</td>
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<tr>
<td>RADMAC III</td>
<td>Restoration</td>
<td>MAC FP</td>
<td>5 yr</td>
<td>240 M</td>
<td>FY19 Q3</td>
<td>FY20 Q4</td>
</tr>
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</table>
Environmental Business Line has been holding Industry Days for larger procurements

• Provides opportunity to have an open dialog with industry experts prior to issuance of Request for Proposals (RFP)
• Provides opportunity for Government to receive industry input concerning the project
• Allows discussion of challenges “before-the-fact” by gathering and discussing past experiences and success stories
• Streamlines procurement process by addressing concerns upfront rather than through Requests for Information (RFIs) during proposal phase
Process for Requesting Visit to NAVFAC SW

• NAVFAC SW has specific protocol and a process for contractors to follow when submitting visit requests

  – Protocol was developed to
    • 1) Provide industry representatives with a fair and equal opportunity to contact the command
    • 2) Ensure minimal disruption to the Navy mission

• The Contractor Visit Protocol can be found in the NAVFAC SW Public Web Site at the following link:

Process for Requesting Visit to NAVFAC SW

• To request a contractor call/visit, personal visit, or social call, send an e-mail to the command’s Contractor Visit Coordinator at NAVFAC_SW_Contractor_Visit_Coordinator@navy.mil with the following information:
  – Biographies for all personnel who will be visiting NAVFAC Southwest
  – The individuals you would like to meet with at NAVFAC Southwest
  – Specific dates and times you are available
  – Identify whether you need base access (N/A for 1220 Pacific Hwy Complex)
  – list of specific topics you wish to discuss

• After this information is received, we will then contact the contractor to coordinate details of the visit.

• Please allow at least one week to coordinate visits

• Considerations in scheduling a meeting will be:
  – If the contractor is involved in an ongoing procurement/solicitation (or any stage of an active acquisition).
  – Discussion of specific procurements or project information, whether pending or anticipated.
  – Discussion of potential acquisition vehicles, source selection methodologies, etc.
  – If the contractor is involved in a dispute with NAVFAC or another entity of the US.
  – If the contractor requests a visit more than once in a six month period.
Listing of expected NAVFAC Environmental Contract Opportunities

- NAVFAC Webpage

- Small Business Program Office Webpage
  https://www.navfac.navy.mil/products_and_services/sb.html

- Federal Business Opportunities
  https://www.fbo.gov
We look forward to working with you!