



NAVFAC SOUTHWEST

The Navy's Environmental Program in the Southwest; Challenges for FY22+

San Diego Environmental Professionals (SDEP)

02 March 2022

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Environmental Restoration Program
Manager
NAVFAC Southwest**

NAVFAC SW Leadership and Management



- **Commanding Officer**
 - Executive Officer
 - Business Director
 - Operations Officer



- **Environmental BLL / N45 Shore EV Program Manager**
 - EV1 Env. Compliance PLL
 - EV2 Env. Planning and Conservation PLL
 - EV3 Env. Restoration PLL
 - EV4 Env. Resources and Assessment PLL

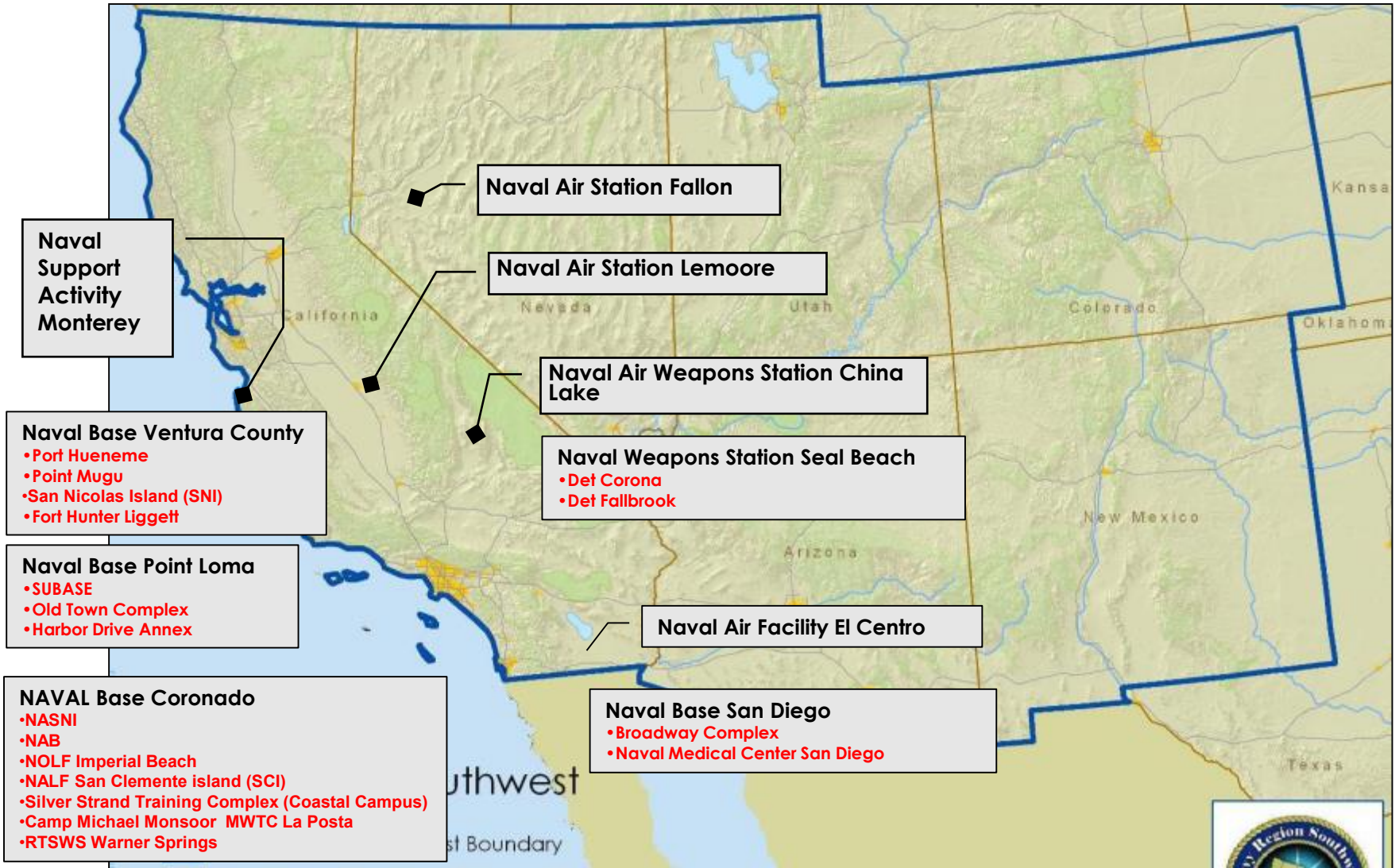


Notes:

BLL – Business Line Leader
PLL – Product Line Leader



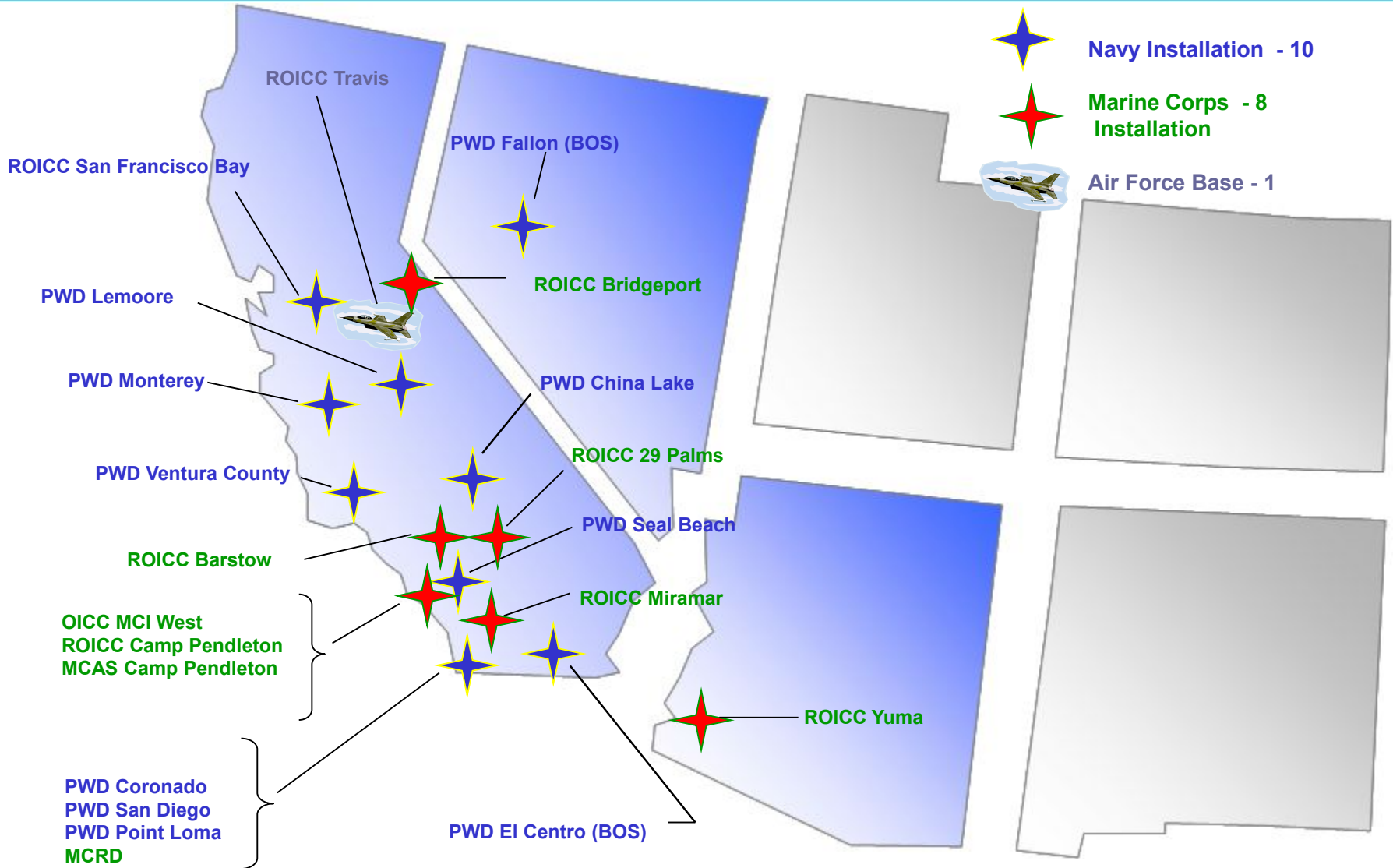
Navy Region Southwest



MCIWEST Region Overview



NAVFAC Southwest



Environmental Areas of Responsibility



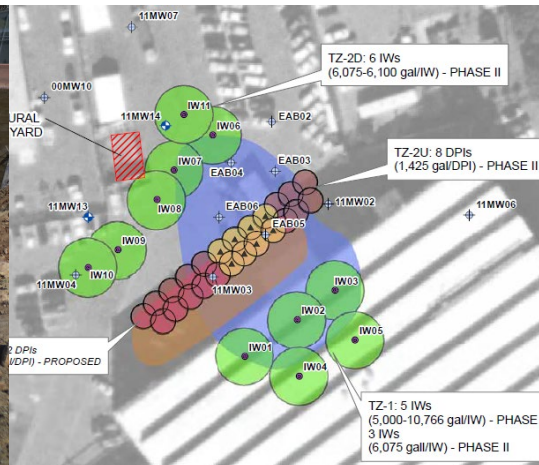
Environmental Quality Programs

- Environmental Compliance & Services
- Environmental Planning
- Environmental Assessments & Special Programs
- Natural and Cultural Resources including Marine Biology



Environmental Restoration Program

- Chemical, radiological, and munitions cleanup



EV1 - Environmental Compliance and Services



• Compliance

- Clean Air Act
- Clean Water Act - NPDES
- Safe Drinking Water Act

• Oil and Hazardous Substance Management

- Chemical and oil spill response and cleanup
- Hazardous and Industrial waste handling, transportation, storage and disposal
- Lead paint, PCB and asbestos abatement
- Oily waste pickup and recycling/disposal

• Environmental Management Systems

• Laboratory Services

• Non-hazardous waste (FKA sustainable solid waste)

• Technology Support

- NESDI
- ESTCP
- SERDP



EV2 – Environmental Planning and Conservation



- Planning-NEPA determination and documentation

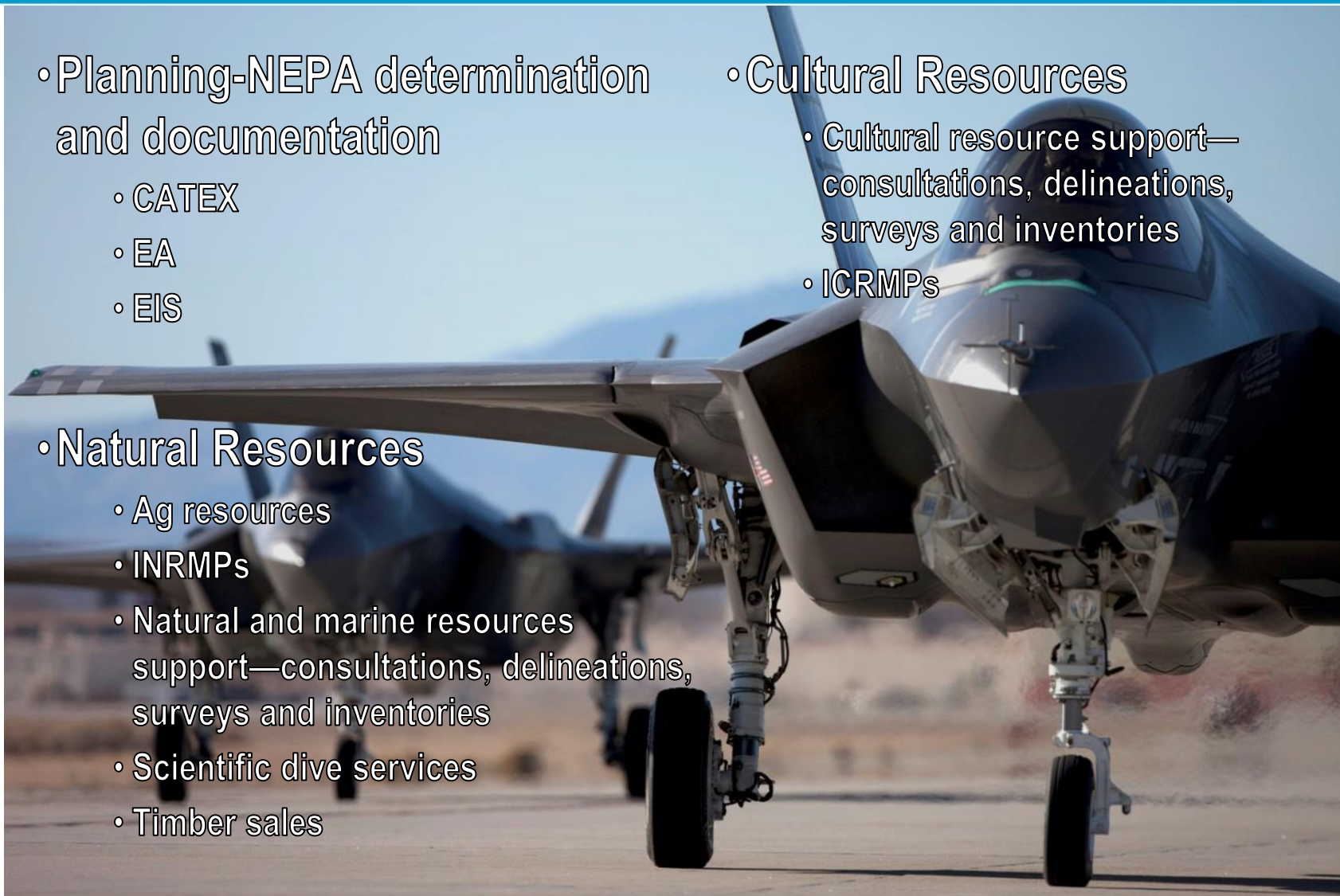
- CATEX
- EA
- EIS

- Cultural Resources

- Cultural resource support—consultations, delineations, surveys and inventories
- ICRMPs

- Natural Resources

- Ag resources
- INRMPs
- Natural and marine resources support—consultations, delineations, surveys and inventories
- Scientific dive services
- Timber sales



EV3 – Environmental Restoration



• Regulatory Compliance

- CERCLA
- RCRA Corrective Action
- Applicable state regulations

• ER,N/BRAC

• Program/Project Management

- IRP and MRP
- Policy and guidance development
- Execution
- Community relations and regulatory support
- Site investigation and cleanup

• Program/Project Management, cont.

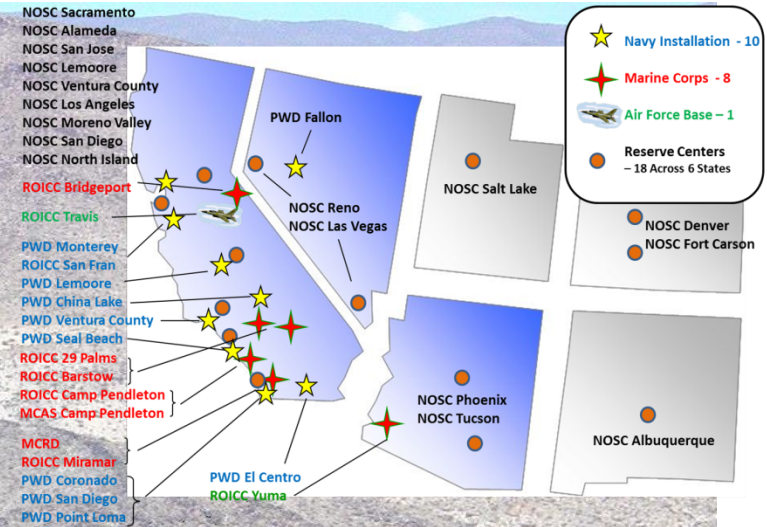
- LUC development, management and tracking
- Clean-up technologies
- Environmental support for real estate
- Review of construction/maintenance projects
- Long term monitoring/management
- OCONUS investigation/cleanup
- Technical support—risk assessment, geology, chemistry, etc.



EV4 – Environmental Resources and Assessment



- Budget development
- Resource management
- Community management
- EMS management and consultation
- Metrics development and assessment
- Operational Range Sustainment
- Resource Allocation Plan support
- Environmental Quality and Environmental Restoration program analyses

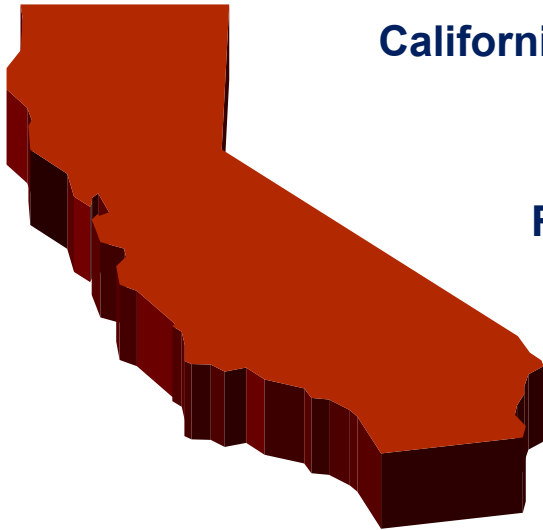


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Regulatory Compliance Context



Majority of SW Navy and Marine Corps installations are in California



California has multi-level air, water, and other media regulatory agencies

Regulations, rules, and permits are more stringent than Federal requirements.

High number of environmental bills, rules, and permits proposed each year

Level of regulatory oversight is evidenced by the high number of inspection days, environmental permits, and reporting requirements

CA regulatory context leads to high environmental restoration, compliance, and conservation costs

Environmental Focus Areas/Challenges



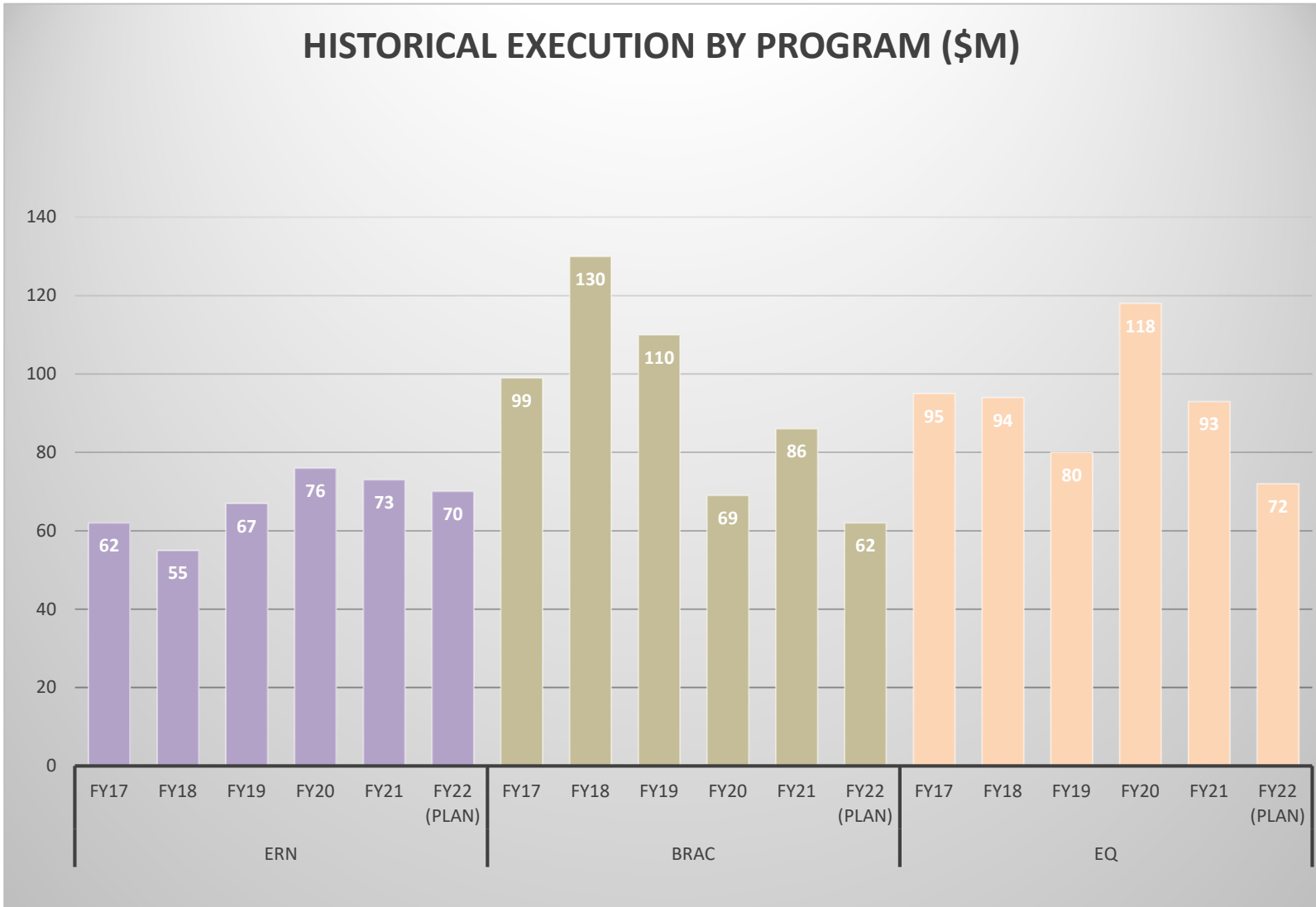
1. EV Support of JSF construction efforts
2. Socializing new NEPA requirements
3. Increased scrutiny by regulatory agencies – more enforcement
4. Updating Installation Programmatic Memorandum of Agreements with State Historic Preservation Office
5. Maintaining and updating Installation Integrated Natural Resources Management Plans (INRMPs)
6. New emphasis on community engagement and incorporating public comment (e.g., AB-617, community air protection)
7. PFAS management and investigations
8. Air permits with broader coverage and additional documentation requirements
9. Initiating CERCLA response at radiological sites at active installation



Environmental Program Execution



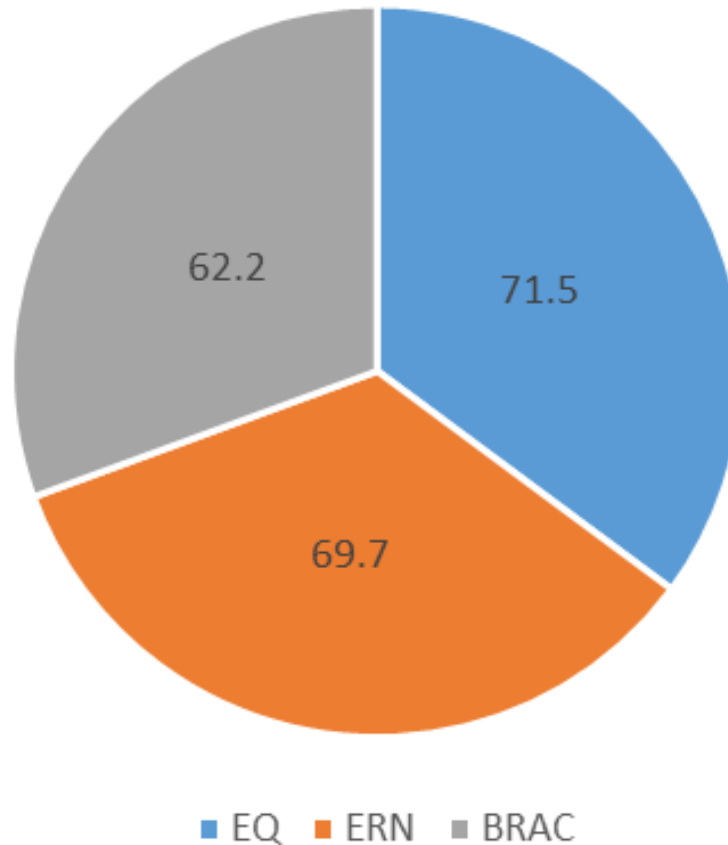
HISTORICAL EXECUTION BY PROGRAM (\$M)



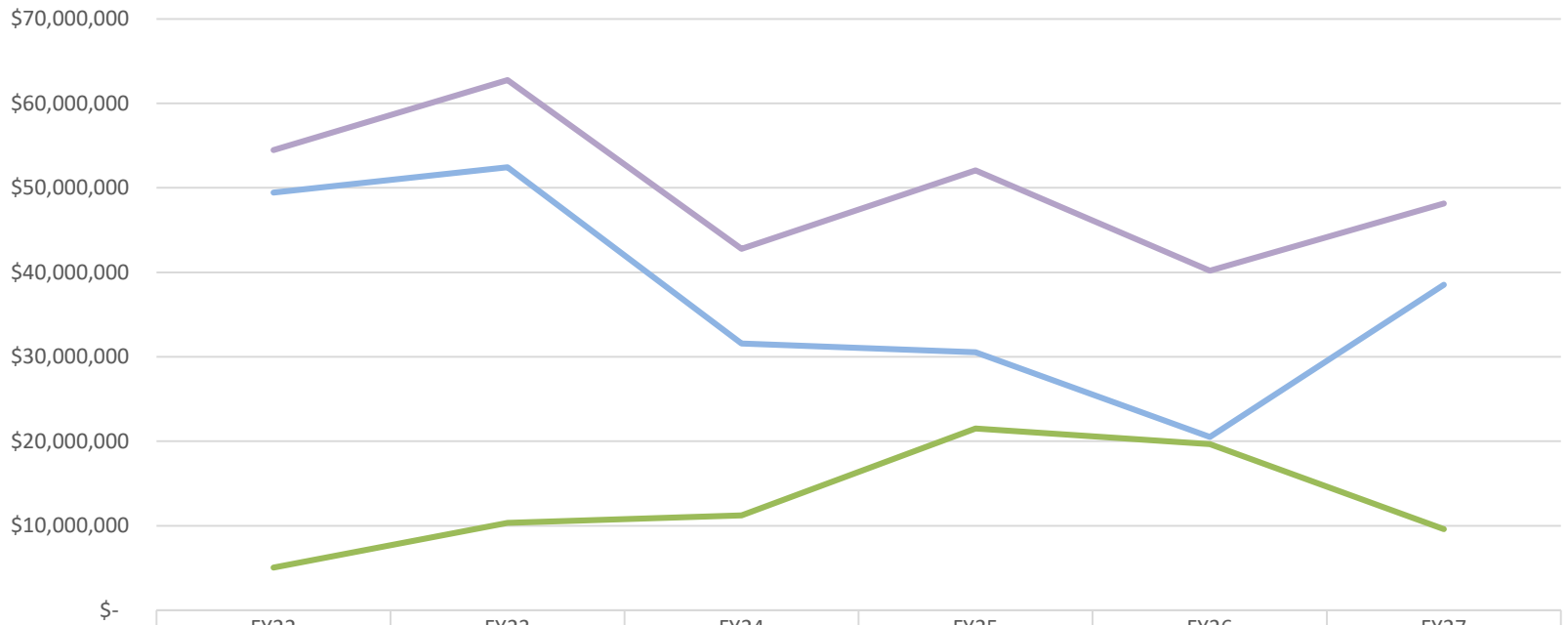
FY22 NAVFAC SW Environmental Business Line Execution Plan



FY22 Planned Execution - \$194.2M



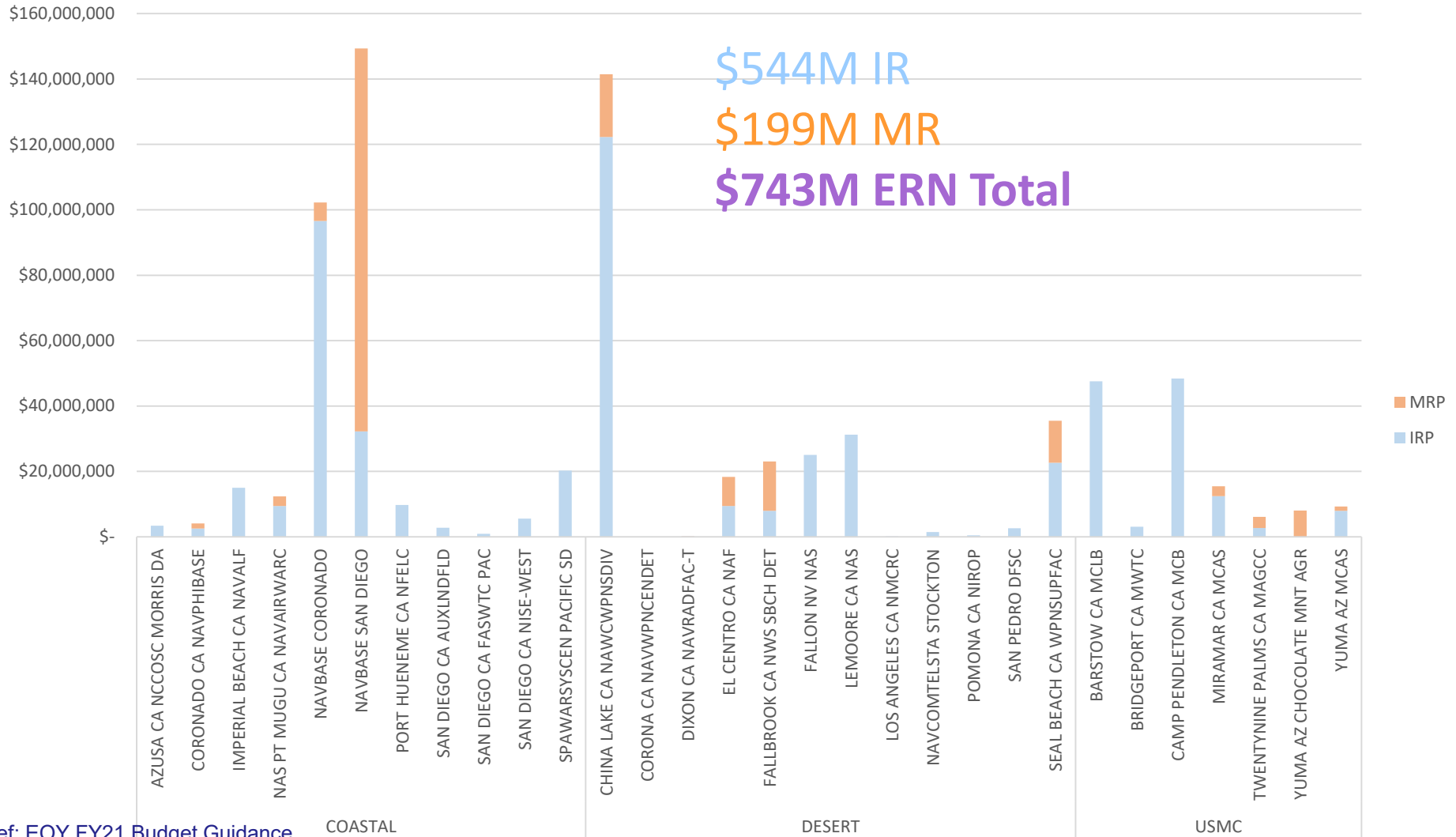
ER,N Controls FY22-FY27



	FY22	FY23	FY24	FY25	FY26	FY27
Sum of IRP CONTROL	\$49,427,000	\$52,428,000	\$31,559,000	\$30,535,000	\$20,528,000	\$38,541,000
Sum of MRP CONTROL	\$5,050,000	\$10,323,000	\$11,230,000	\$21,517,000	\$19,679,000	\$9,614,000
Sum of TOTAL ERN CONTROL	\$54,477,000	\$62,751,000	\$42,789,000	\$52,052,000	\$40,207,000	\$48,155,000

Ref: EOY FY21 Budget Guidance

Cost to Complete by Installation (ERN)



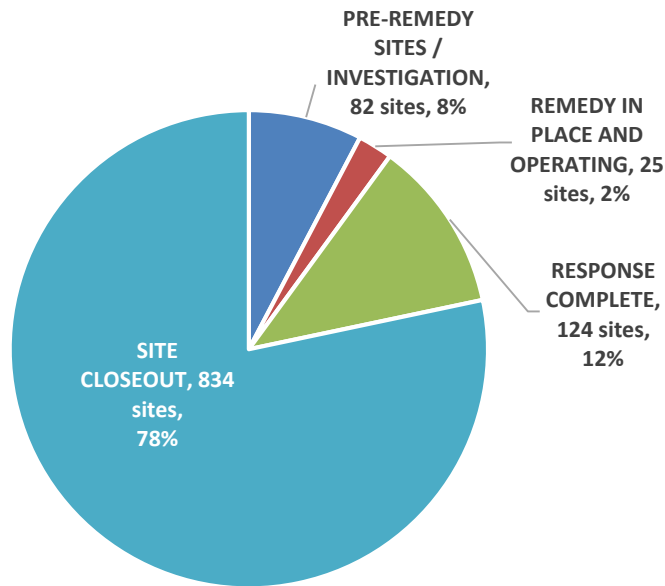
Ref: EOY FY21 Budget Guidance

Snapshot of the SW ER,N Program

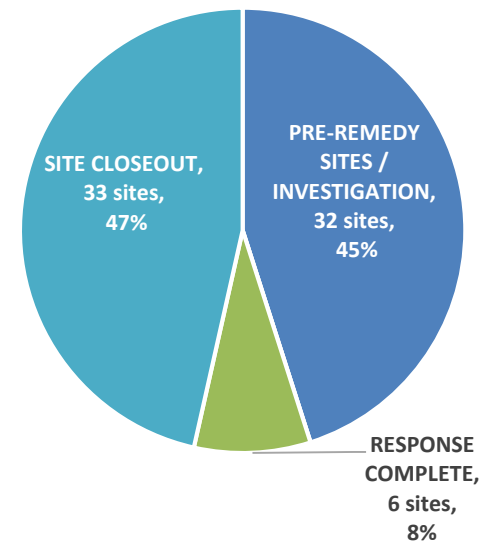


EOY FY2021

Phase	Southwest
Site Closure + Response Complete no additional remediation; (example of sites RC but not SC = landfills/UXO)	88%
Remedy-in-Place and sustained operation achieved while Remedial Action Objective yet to be met	2.2%
Active sites are those in the investigation/study phase including decision document and remedial design.	10%



IRP -- 1065 Total Sites



MRP -- 71 Total Sites

Challenge Areas – Environmental Restoration



- **Emerging Contaminants**

- Per- and polyfluoroalkyl substances (PFAS)
- Vapor Intrusion
- Asbestos
- Lead – California Toxicity Criteria Rule
- 1,4-Dioxane



- **Regulatory Climate**

- **O&M / LTM**

- **Munitions Response Program**

- Underwater Evaluations
- Risk Assessment

- **Sediment Policy and Cleanup**

- **Radiation Evaluation/Cleanup**

- **CA SWRCB MUST initiative**



The Department's Big Picture on PFAS



- **PFAS is a national issue that needs national solutions. DoD is committed to being part of that solution and is addressing PFAS across our installations in a holistic, proactive, coordinated, and transparent manner.**
- **DoD is looking at PFAS from both a national and an international standpoint and issuing policies to cover our installations across the globe.**
- **DoD is working with State and Local Regulatory Agencies, academia, and industry.**
- **DoD is investing heavily in R&D towards PFAS characterization, toxicity, and treatment, as well as the in the development of fluorine-free firefighting agents.**

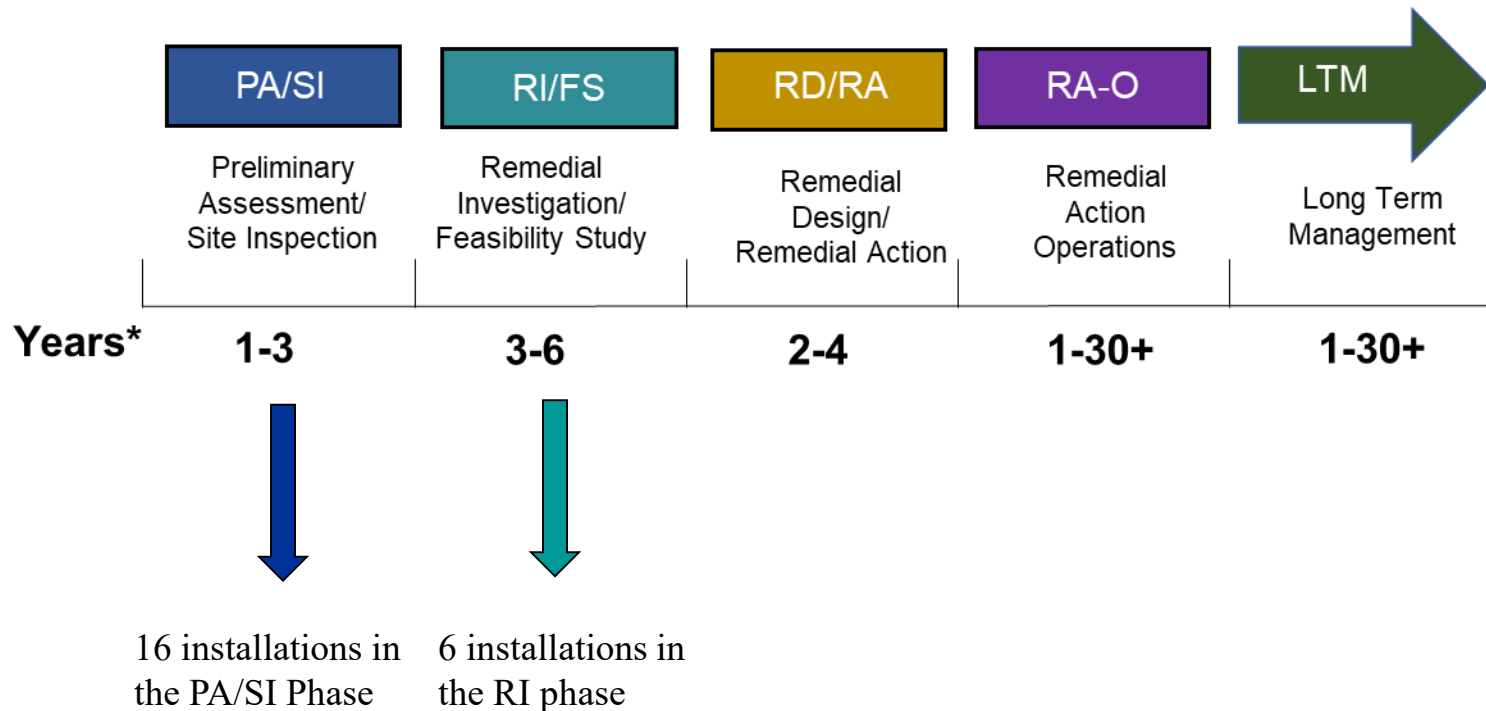
DON Cleanup Approach on Our Installations



- 1) Identify source(s) of a known or suspected release**
- 2) Identify potential for exposure through drinking water**
- 3) If potential for exposure exists, DON priority is to cut off drinking water exposure**
- 4) Prioritize sites and follow the DoDs Environmental Restoration process†**
 - a. to fully investigate the release, and
 - b. determine the appropriate cleanup actions based on risk

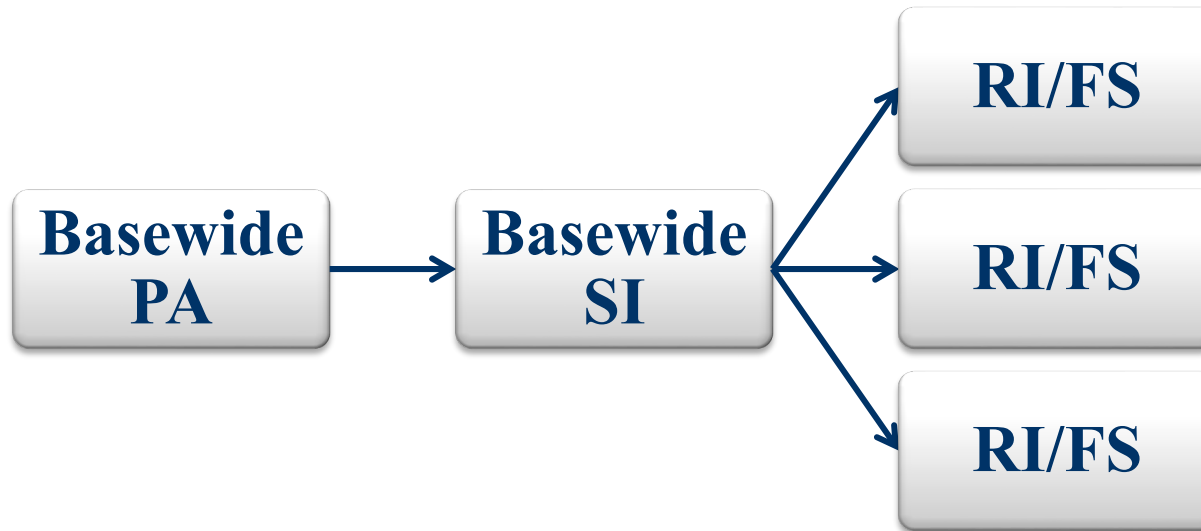
† Reference: Defense Environmental Restoration Program, 10 U.S.C. Section 2701

CERCLA Process – PFAS Status SW



*Estimated average timeframe to address installation restoration sites

NAVFAC SW PFAS Investigation Process

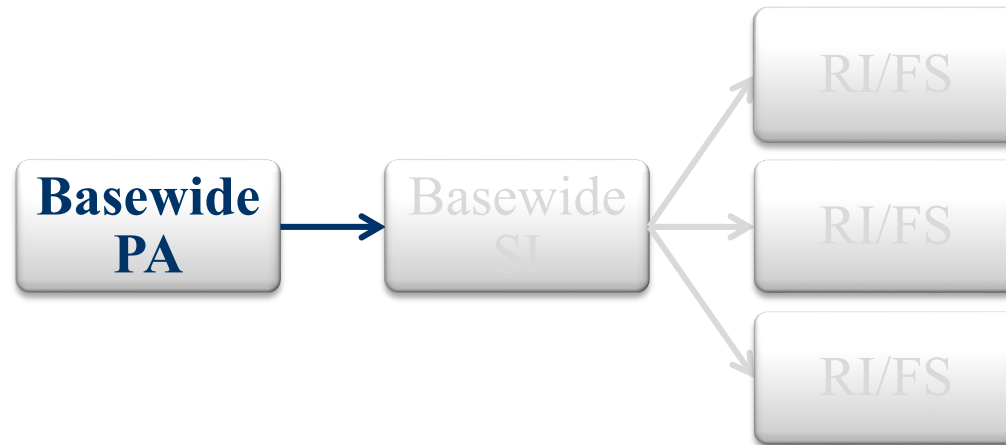


PA – Preliminary Assessment

SI – Site Inspection

RI/FS – Remedial Investigation/Feasibility Study

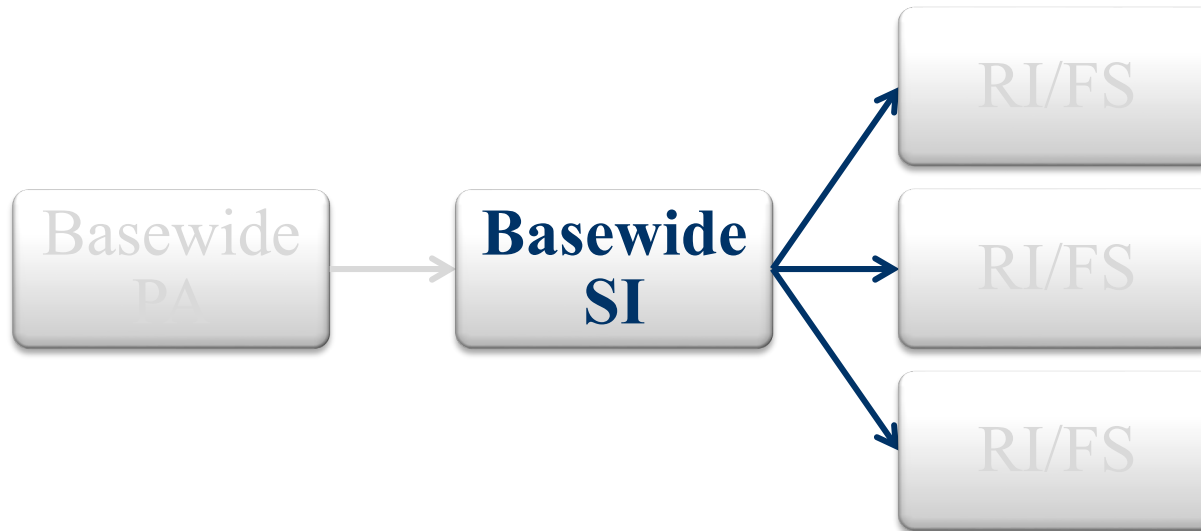
NAVFAC SW PFAS Investigation Process



PA

- **Basewide Preliminary Assessment (PA) historical review and evaluation**
- **Areas of Interest (AOI) identification**
- **Internal screening of AOIs based on Navy policy and guidance**
- **PA submittal to agencies seeking review and concurrence**
 - **Straightforward** AOIs – AFFF, plating
 - **Not straightforward** – landfills, WWTPs, pesticides, paints, photographic process, hydraulic fluids

NAVFAC SW PFAS Investigation Process



SI

- **Basewide Site Inspection (SI) work plan development – includes all AOIs identified as “yes” in the PA summary table**
- **Some AOIs screened during work plan development and prior to sampling**
- **Field investigation / sampling**
- **Screening level risk assessment**
- **Basewide SI report**
- **Recommendation of sites moving to site-specific RIs**
- **Report submittal seeking regulatory review and concurrence**

Environmental Contracts



PROGRAM	QTY OF CURRENT CONTRACTS	AVAILABLE CAPACITY (\$M)	FY22 PLANNED PROCUREMENTS CAPACITY (\$M)	FY22 QTY OF PROCUREMENTS
Restoration	5	612	0	0
Compliance	2	122	259	3
Services	1	19	0	0
Cultural Resources	2	18	0	0
Natural Resources	2	24	100	1
NEPA	1	3	0	0
Range	2	148	95	1
Total	15	946	454	5

Note: MACs are counted as one contract in above table



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

Planned NAVFAC SW Environmental Contracts



TITLE	SCOPE	MAC/S	PRICING	SIZE	DURATION (YRS)	CAPACITY (\$M)	RFP*	PLN AWD
IW/OW Haz Waste	Compliance	single	fixed	Unrestricted	7	99	6/30/2021	FY22 Q2
Lab	Compliance	single	fixed	Unrestricted	7	60	FY22 Q2	FY22 Q4
Multimedia Compliance	Compliance	single	fixed	Small Biz	7	100	FY22 Q3	FY22 Q4
Habitat Enhancement and Pest Plant Control	Natural Resources	MAC	PP ELIN	Small Biz	8	100	FY22 Q2	FY22 Q4
NEPA Single Award	NEPA	single	fixed	Unrestricted	7	75	tbd	tbd
NEPA ELIN	NEPA	single	PP ELIN	Small Biz	7	4	tbd	tbd
CLEAN V	Restoration	single	cost	TBD	7	240	FY22 Q3*	FY23 Q4
RADMAC III	Restoration	MAC	fixed	TBD	5	240	FY22 Q3	FY23 Q1
CERCLA/RCRA	Restoration	single	fixed	Small Biz	7	100	FY22 Q3*	FY23 Q2
Range Sustainment (aka ORC)	Range Sustainment	MAC	fixed	Small Biz	7	95	FY22 Q2	FY22 Q4
						Total Capacity:	1,113	

* For A/E date is synopsis release date – request for SF330
 Data is based on the best available information and is subject to change.



Environmental Industry Day Forums



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:**

https://www.navfac.navy.mil/navfac_worldwide/atlantic/fecs/southwest/contact_us/KTR_Visit_PO.html

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](mailto:NAVFAC_SW_Contractor_Visit_Coordinator@navy.mil) with the following information:**
 - 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.

More Information



- **Small Business Program Office**
<https://smallbusiness.navfac.navy.mil>
- **Federal Business Opportunities**
www.fedbizops.gov
- **Navy Electronic Commerce Online (NECO)**
<https://www.neco.mil>

