

NAVFAC SW Environmental Restoration Program Update and Opportunities

San Diego Environmental Professionals Meeting

24 Oct 2023

**Allison Cantu, PE
Environmental Restoration Program
Manager
NAVFAC Southwest**

10/23/2023

NAVFAC SW Leadership and Management



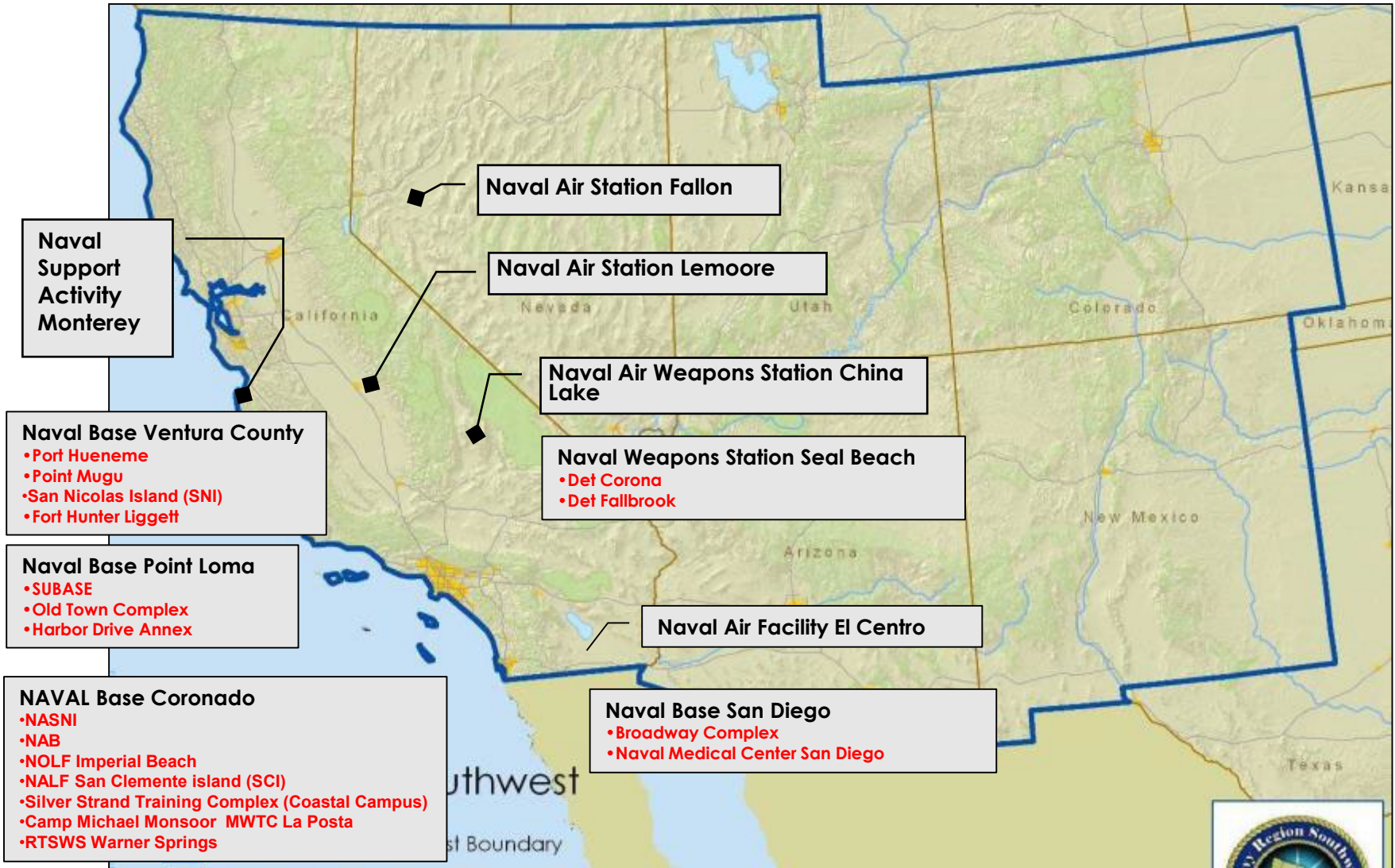
- **Commanding Officer – CAPT Laurie Scott**
 - Executive Officer – CAPT Allen Willey
 - Business Director – Kathryn Stewart
 - Operations Officer – CAPT Blake Burket



- **Environmental Director/ N45 Shore EV Program Manager – Brian Gordon**
 - EV1 Env. Compliance – Chantry Davis
 - EV2 Env. Planning and Conservation – Teresa Bresler
 - EV3 Env. Restoration – Allison Cantu
 - EV4 Env. Resources and Assessment – Julie Crosby



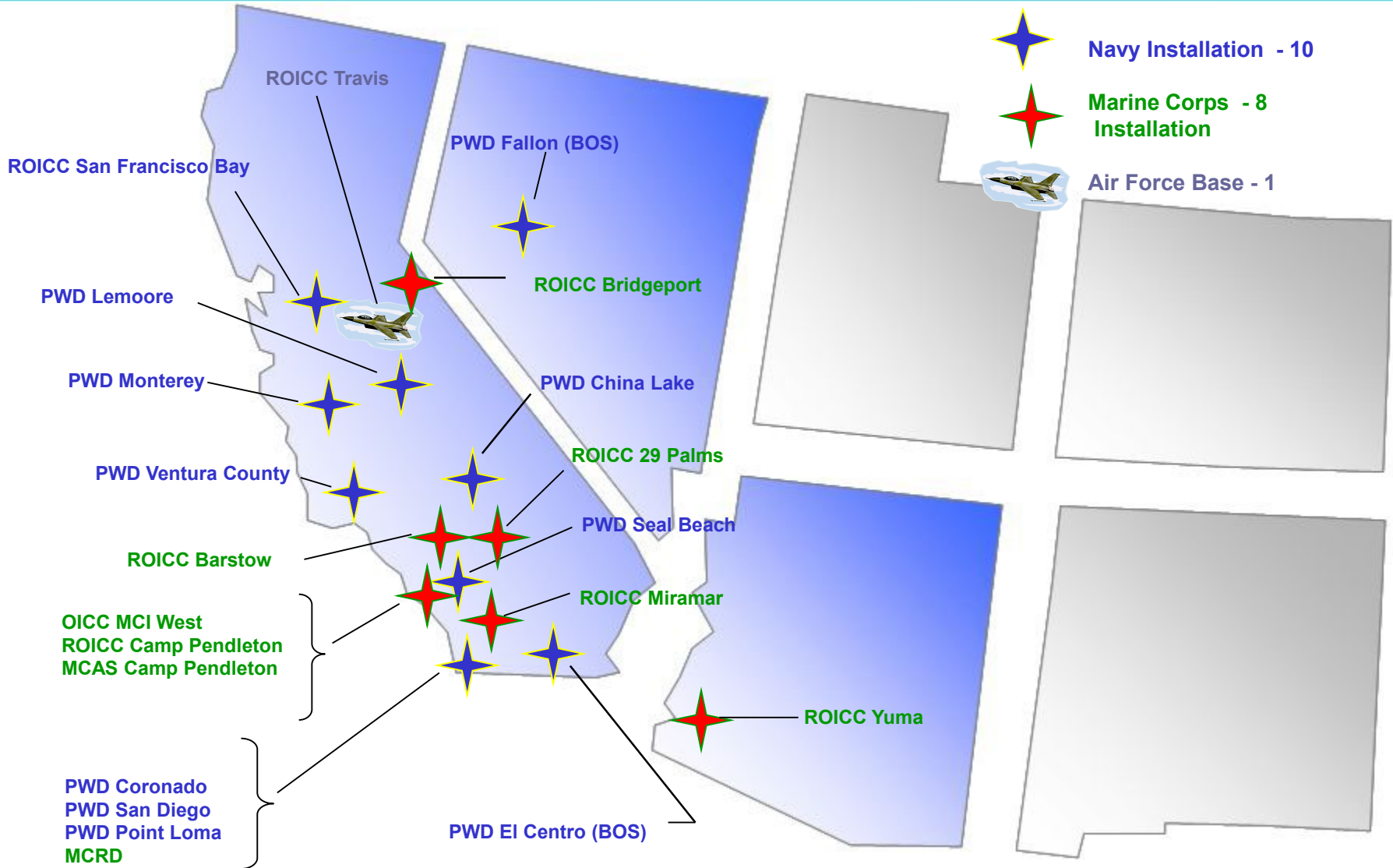
Navy Region Southwest



MCIWEST Region Overview



NAVFAC Southwest



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.

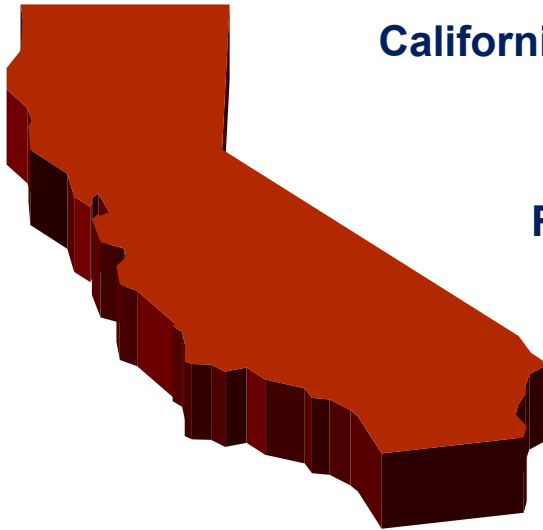
- LUC development, management and tracking
- Clean-up technologies
- Environmental support for real estate
- Review of construction/maintenance projects
- Long term monitoring/management
- Technical support—risk assessment, geology, chemistry, etc.



Regulatory Compliance Context



Majority of SW Navy and Marine Corps installations are in California



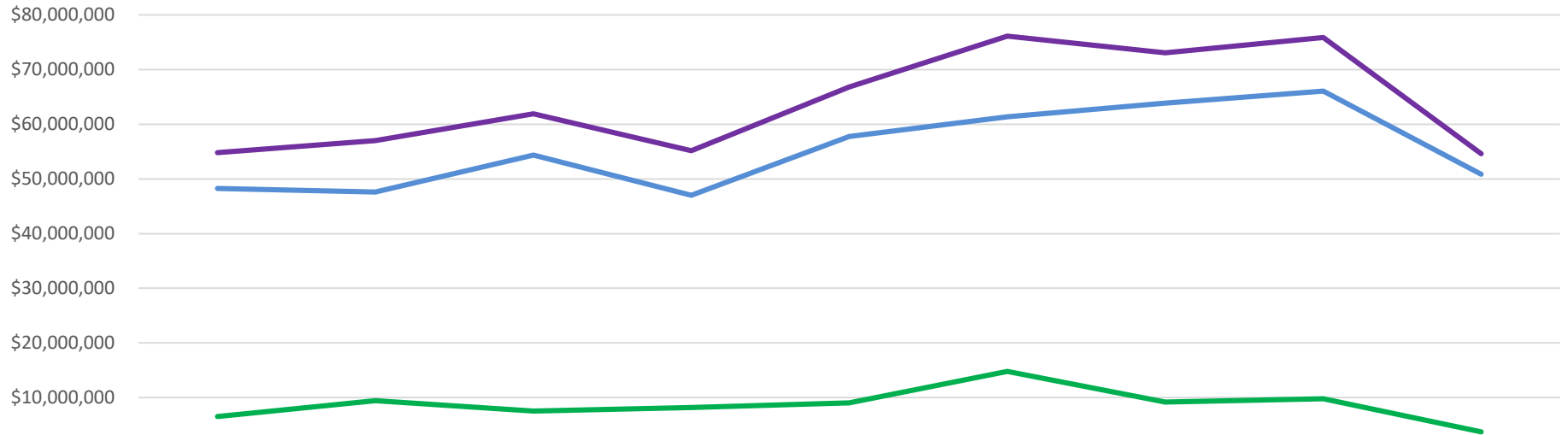
California has multi-level air, water, and other media regulatory agencies

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

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

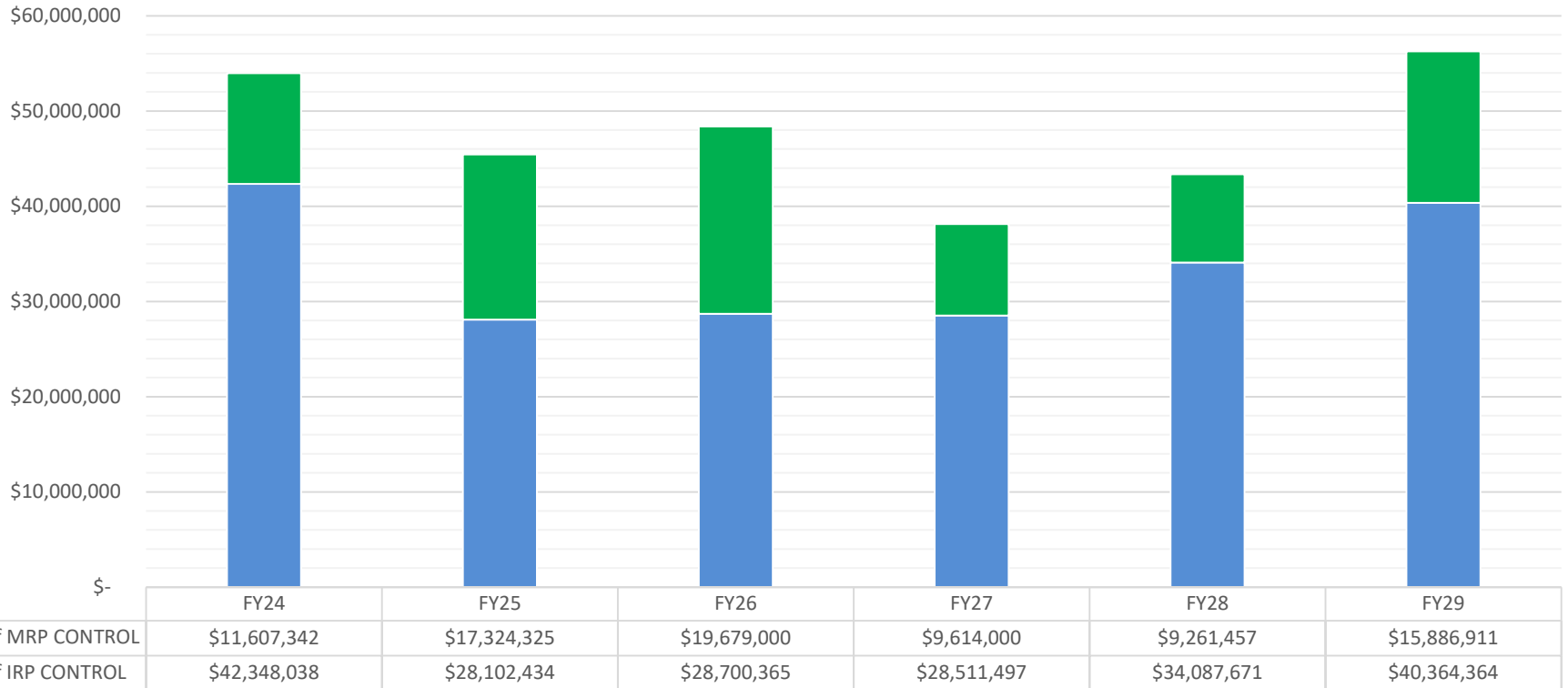
CA regulatory context leads to high environmental restoration costs

ERN Execution



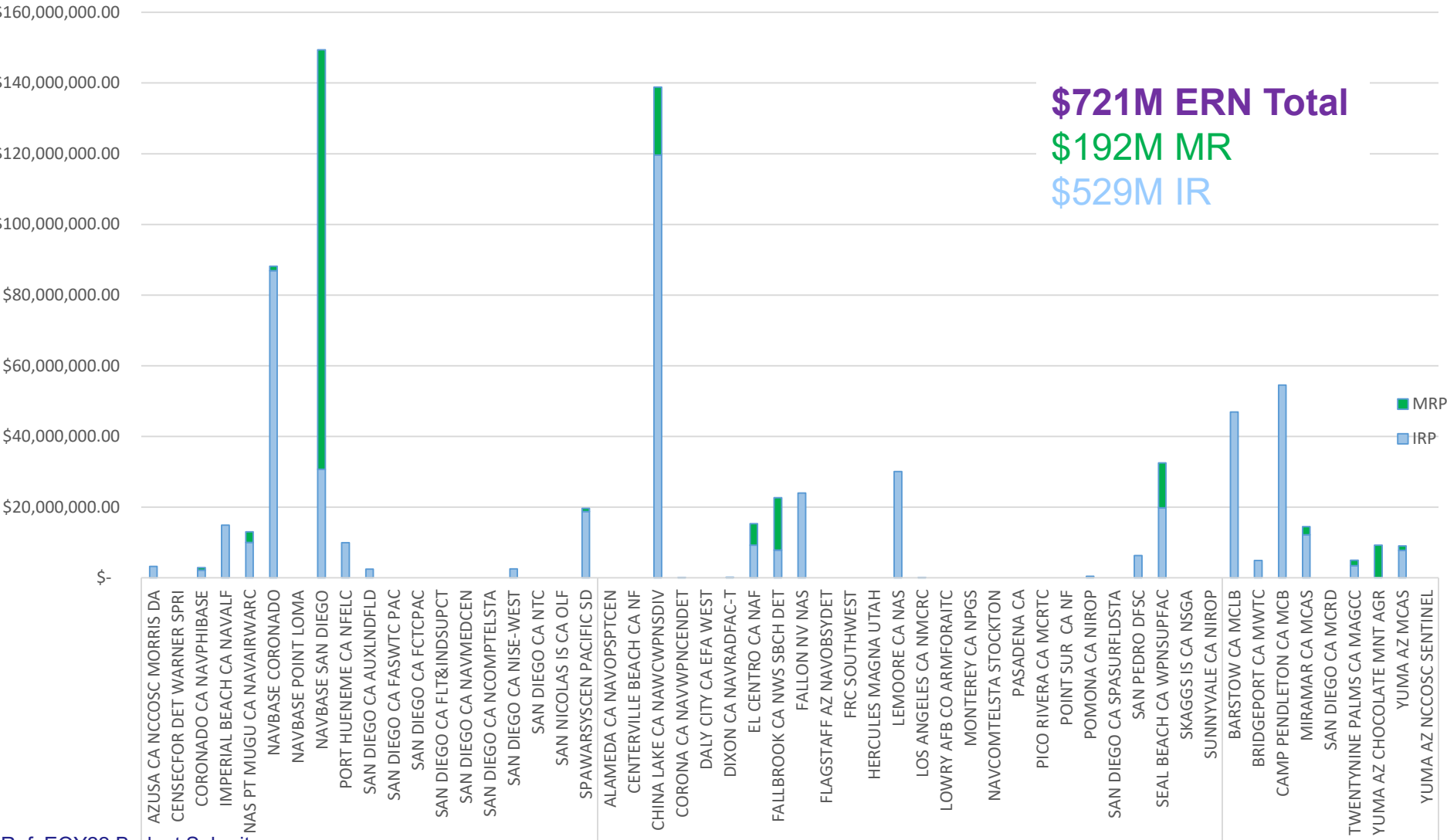
	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23 (plan)
IRP	\$48,270,436	\$47,626,085	\$54,387,024	\$46,996,211	\$57,766,920	\$61,357,133	\$63,885,648	\$66,052,869	\$50,873,894
MRP	\$6,540,833	\$9,410,174	\$7,540,854	\$8,165,177	\$9,045,329	\$14,785,192	\$9,169,873	\$9,806,101	\$3,747,002
ERN	\$54,811,269	\$57,036,259	\$61,927,878	\$55,161,387	\$66,812,249	\$76,142,324	\$73,055,520	\$75,858,971	\$54,620,896

ERN Controls



Ref: EOY23 Budget Guidance

ERN Cost to Complete by Installation



Ref: EOY22 Budget Submit

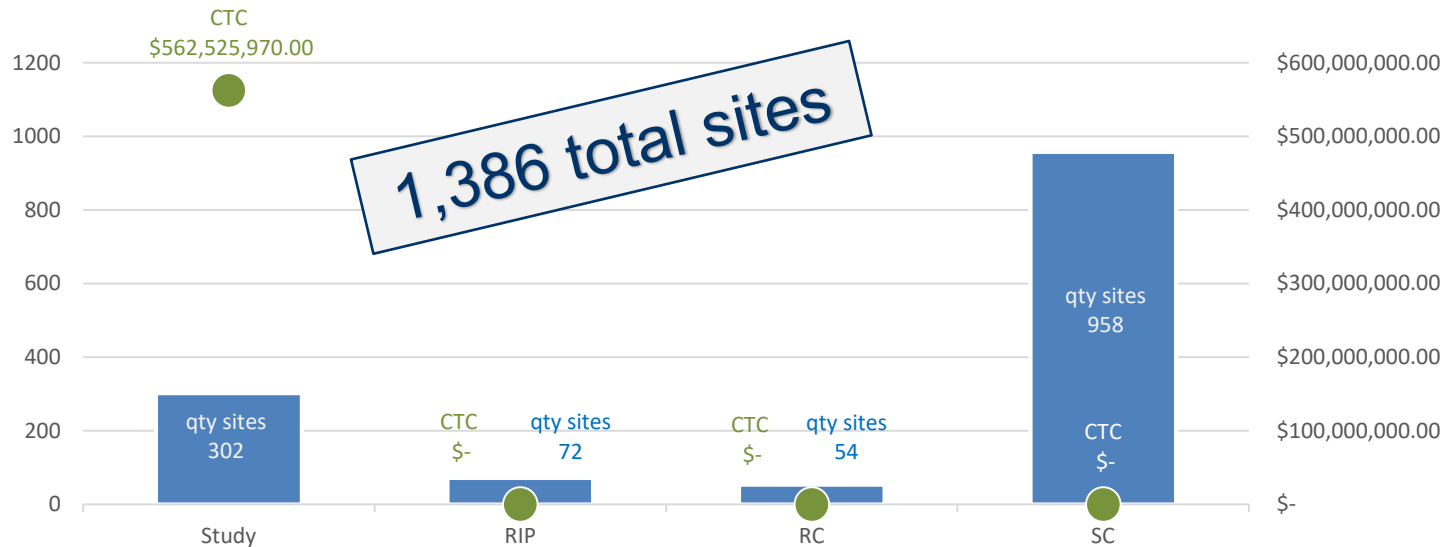
Snapshot of SW ERN Program



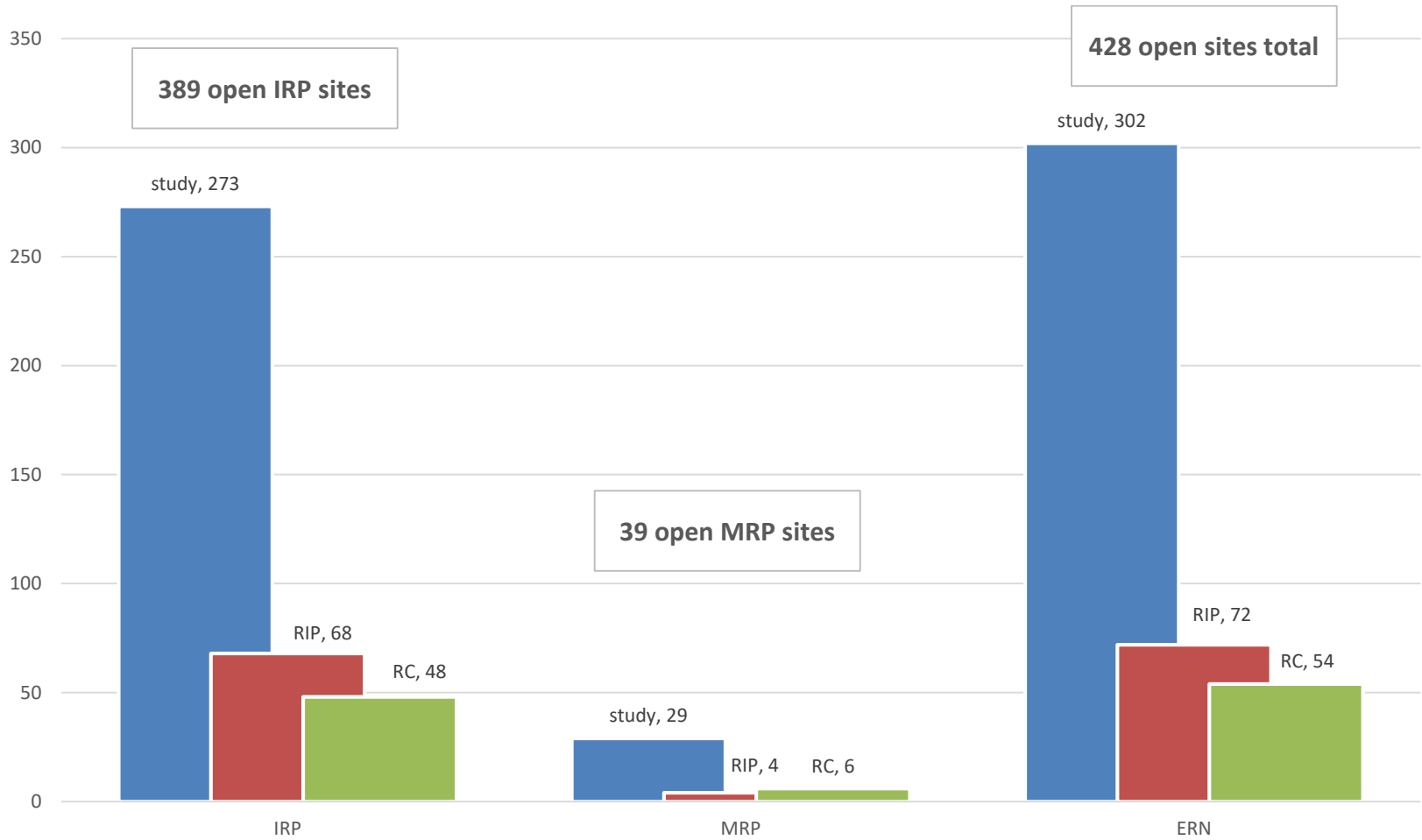
Phase	IRP	MRP	ERN
Study – investigative phase; includes decision document, remedial design, and PFAS investigation sites	21%	40%	22%
Remedy-in-Place - sustained remedial operation, but remedial action objective not yet achieved	5%	5%	5%
Response Complete - no additional remediation, but site still open (e.g., landfills and UXO sites with land use controls)	4%	8%	4%
Site Closeout – site is closed with no more action or costs programmed	70%	47%	69%

Ref: MDY 23 Budget Submit

Overall ERN (IRP + MRP)



Open SW ERN Sites, by Program and Phase



Ref: MDY 23 Budget Submit

Challenge Areas – Environmental Restoration



• Emerging Contaminants

– Per- and polyfluoroalkyl substances (PFAS)

- Management
- Investigations
- Risk assessment

– Vapor Intrusion

– Asbestos

– Lead – California Toxicity Criteria Rule

– 1,4-Dioxane



• Regulatory Climate

• O&M / LTM

• Munitions Response Program

– Underwater Evaluations

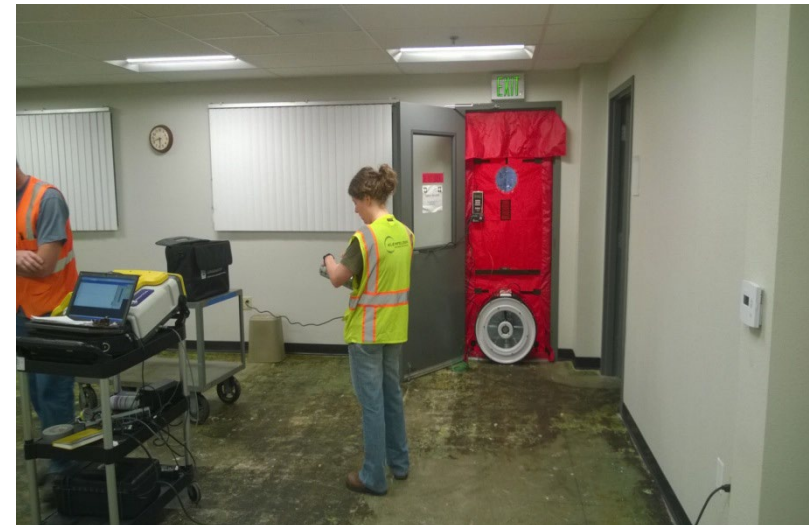
– Risk Assessment

• Sediment Policy and Cleanup

• Radiation Evaluation/Cleanup

• Climate Resiliency

• High staff vacancy rate



The Department's Big Picture on PFAS



- The presence of PFAS in the environment is a national issue due to its wide-spread use in many industrial and consumer products. The Department recognizes the importance of this issue and is committed to addressing PFAS in a deliberative, holistic, and transparent manner.
- DoD follows the existing federal cleanup law and long-standing EPA regulations for all chemicals in our cleanup program, including PFAS. DoD supports EPA working toward regulatory standards for PFAS that help ensure a consistent approach that applies to everyone.
- DoD is conducting assessments for PFAS use or potential release at 707 installations and National Guard locations and as of March 31, 2023, has completed 425 assessments.
- To date, DoD has obligated over \$2 billion for PFAS investigation and cleanup activities

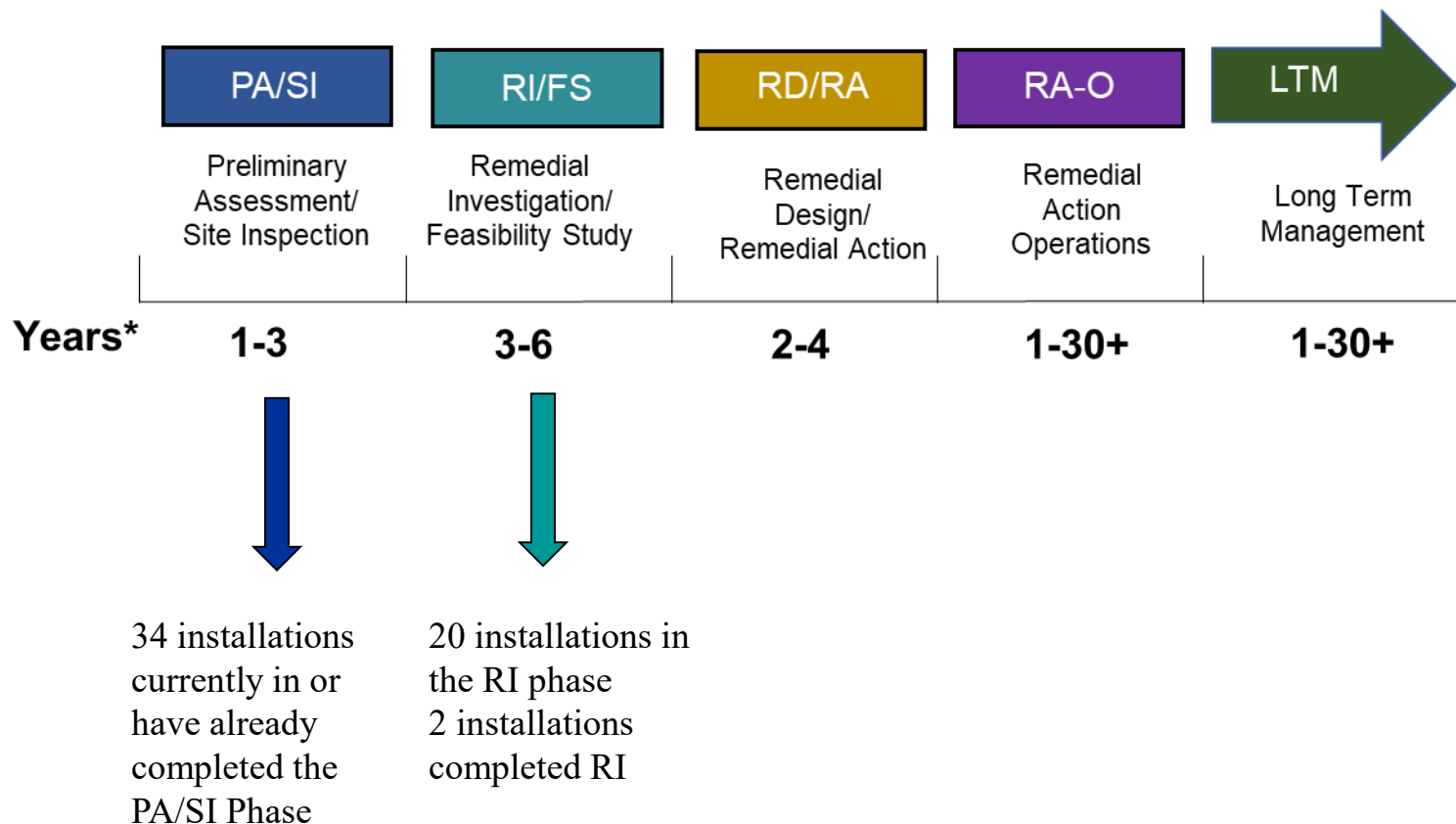
DON Cleanup Approach on Our Installations



- 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

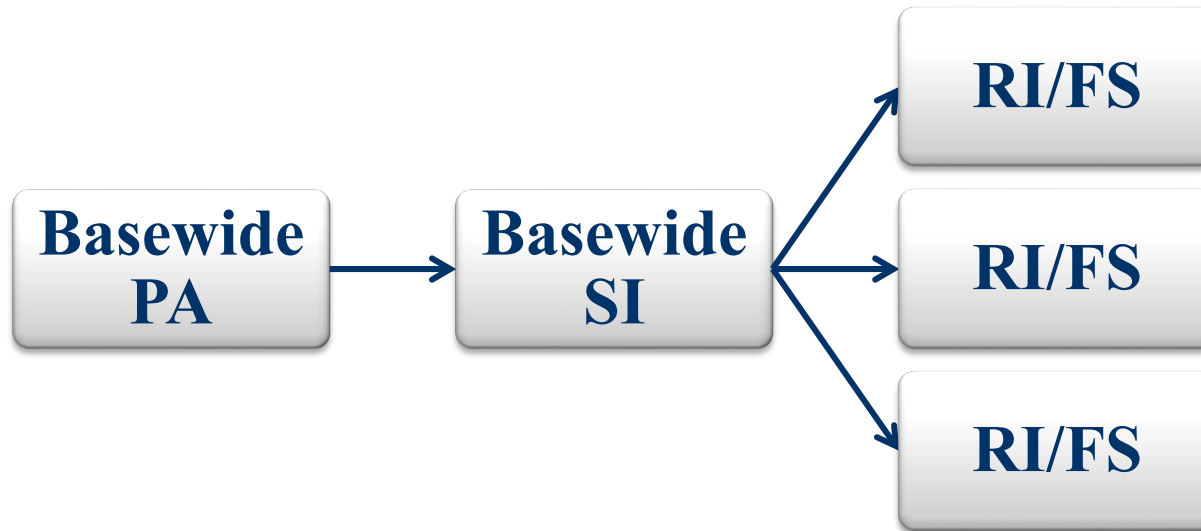
† Reference: Defense Environmental Restoration Program, 10 U.S.C. Section 2701

CERCLA Process – PFAS Status SW



*Estimated average timeframe to address installation restoration sites

NAVFAC SW PFAS Investigation Process

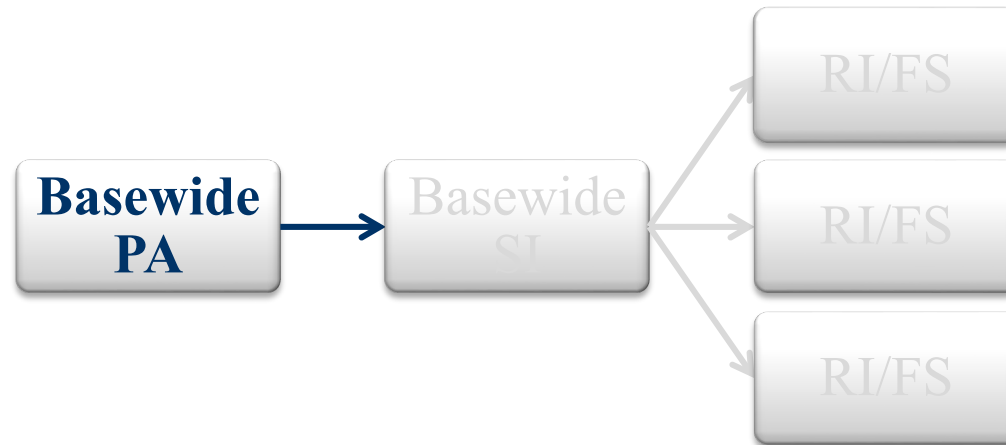


PA – Preliminary Assessment

SI – Site Inspection

RI/FS – Remedial Investigation/Feasibility Study

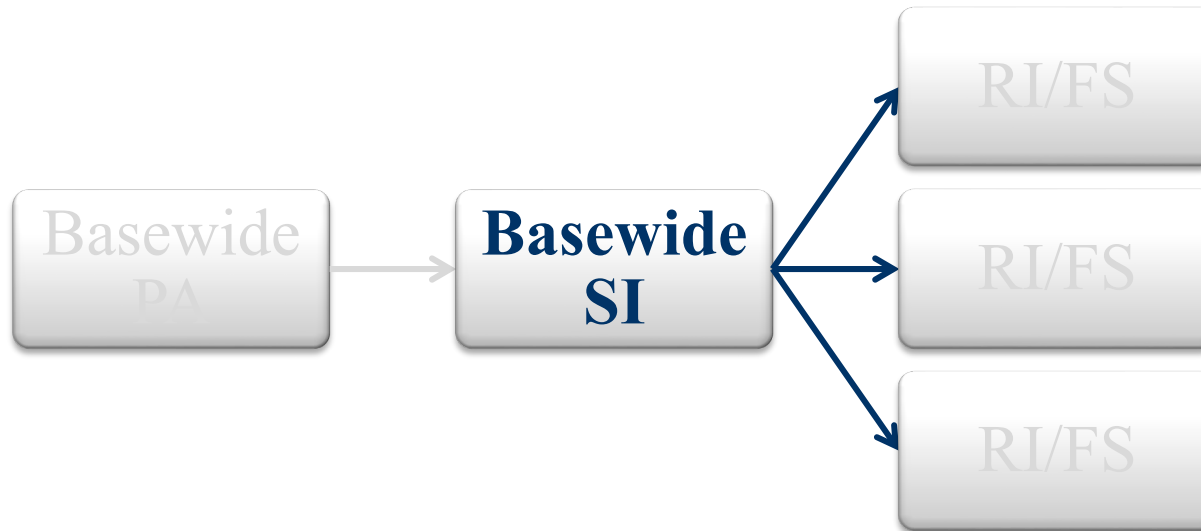
NAVFAC SW PFAS Investigation Process



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

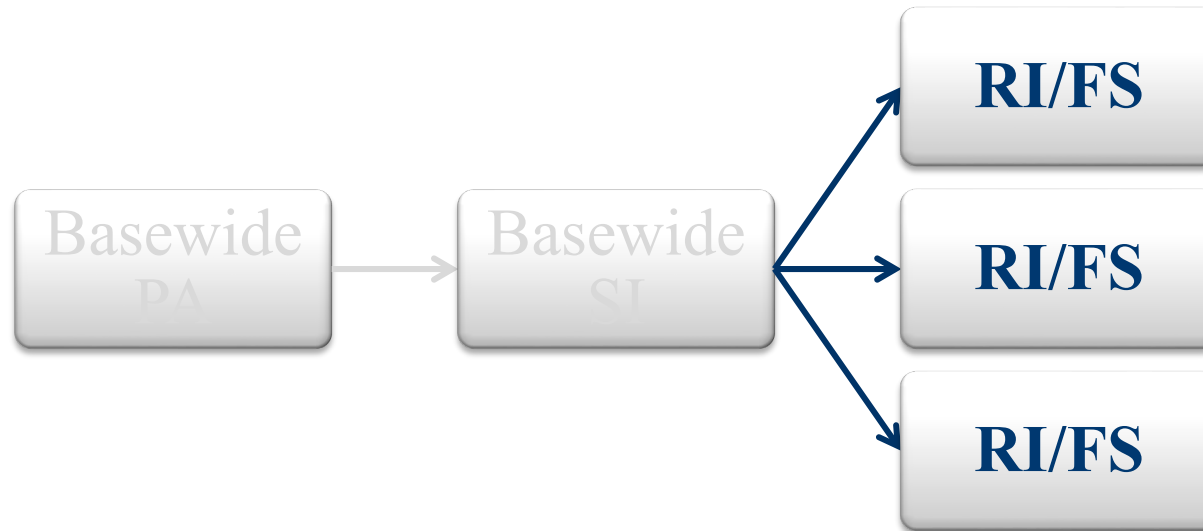
NAVFAC SW PFAS Investigation Process



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**
- **Goal is to complete SI Report by EOY 23**

NAVFAC SW PFAS Investigation Process



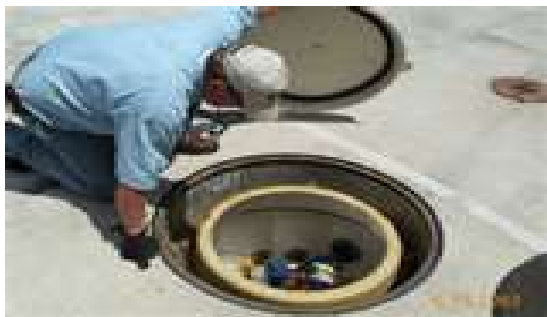
RI

- **Site-specific RI reports**
- **Includes all AOIs moving forward from SI**
- **Have HQ concurrence on how AOIs will move forward- new site, existing site, combine with others**
- **Field investigation / sampling**
- **Risk Assessment**
- **Report submittal seeking regulatory review and concurrence**

Environmental Restoration Contracts



CONTRACT	LIFETIME CAPACITY (\$M)	AVAILABLE CAPACITY (\$M)	FY24 QTY CONTRACT ACTIONS
MARAC	240	210	2
SB EMAC	240	231	13
8(a) EMAC	95	87	11
CERCLA/RCRA	195*	97	14
OTHER SW	N/A	N/A	2
Non-SW	N/A	N/A	10
OTHER	N/A	N/A	4
Total	1,006	580	56



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
Environmental Records	Admin Record	Single	Fixed	8(a)	TBD	N/A	FY23 Q3/4	FY24 Q1
RADMAC III	Restoration	MAC	Fixed	TBD	8	240	FY23 Q4	FY24 Q4
CLEAN V	Restoration	Single	Cost	Unrestricted	8	240	July 2022	FY24 Q4
					Total Capacity:	580		

* 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://pacific.navfac.navy.mil/Facilities-Engineering-Commands/NAVFAC-Southwest/Contact-Us/Come-Visit-Us/>

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_ud@us.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 Bldg 750)
 - 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://pacific.navfac.navy.mil/Facilities-Engineering-Commands/NAVFAC-Southwest/Our-Services/Small-Business/>
- **Contracting Opportunities**
<https://sam.gov>
- **Projected NAVFAC Environmental Contract Opportunities**
www.portal.navfac.navy.mil

