

Air Force Civil Engineer Center



Pease RAB Meeting

5 August 2020



Checklist for Virtual Participation

- ✓ If you joined audio by phone, please make sure that you have entered your participant ID number. **(To see your Participant ID, click the “Join Audio” button on the left of the menu, and select “Phone Call”.) You can add your participant ID number by entering *#[participant ID]#* on your phone keyboard.**
- ✓ RAB members – mute when not speaking and turn on your video camera if you are able.
- ✓ Please open the Zoom Chat and Participant windows.
- ✓ If necessary, rename yourself by hovering over your name in the “Participants” tab and providing your first and last name
- ✓ Use participant tools to raise your hand
- ✓ Enabling closed captions for language support, use toolbar button
- ✓ Contact Maggie Osthues with tech questions: mosthues@cbi.org



- **Welcome, Introduction, RAB Business – Ona Ferguson (Consensus Building Institute)**
- **Project and Other Updates**
 - Air Force Cleanup Update – Roger Walton (AFCEC)
 - Updates relevant to the RAB – RAB members
- **Overview of the Remedial Investigation / Feasibility Study (RI/FS) Process & Public Input Opportunities - Roger Walton**
- **Public Comments**
- **Open Discussion Time**
- **Meeting recap – Ona Ferguson**
- **Adjourn**



Introduction & RAB Business



- **Welcome to our new RAB members:**
 - James Belanger
 - Michael Donahue
 - Russell Osgood
- **Approve meeting summary from December 2019**
- **Public comment procedure**
 - To indicate that you'd like to make public comment, please chat the host or email Linda Geissinger by 5:20pm
 - 3 minutes per person
- **RAB participation**
 - Indicate you'd like to speak by clicking the blue hand icon or speaking up
 - You may mute and unmute yourself
 - Be patient and kind please
- Contact Maggie Osthues with tech questions: mosthues@cbi.org



Air Force Cleanup Update



- **Site 39 (Building 227, Former Pan Am Hangar)**
 - Soil Vapor Extraction began startup operations on 13 July 2020
 - Operations and Monitoring will continue through September 2020
 - Follow-on contract will take over operations after award



Battle Ready... Built Right!



- **PFOS/PFOA Treatment Plants**

- **Site 8**

- Iron removal still being balanced
- Currently operating at 40-45 gallons per minute (gpm)
- Over 30,800,000 gallons treated through 24 July 2020

- **AIMS**

- Operating at approximately 600 gpm
- Semi-Annual Sampling in September 2020
- Over 261,600,000 gallons treated through 24 July 2020



- **PFAS Remedial Investigation**

- Contract Awarded on [20 July 2020](#)
- Scope of work includes:
 - Gathering community input on off-site uses similar to Site Inspection
 - Scoping Remedial Investigation Sampling
 - Sampling of any environmental media (soil, water, tissue); multiple events
 - Baseline Human Health Risk Assessment
 - Remedial Investigation Report
 - Evaluation of potential cleanup options
- Contract type allows for maximum flexibility to adjust sample types, locations and quantities based on changing needs
- Period of Performance July 2020 through December 2022



Air Force Cleanup Update



- **Relative Risk Site Evaluation (RRSE):**
 - Process used to evaluate relative priority of cleanup actions
 - Used to sequence actions such as starting Remedial Investigation
 - Standardized scoring to categorize sites as High, Medium, or Low
 - Both Pease sites (Site 8 and Airfield Area) scored High
- **RRSE scores and fact sheets must be released for public comment**
 - Expected release later in August
 - 30 day public comment period
- **More information at:**
https://www.denix.osd.mil/references/dod/policy-guidance/relative-risk-site-evaluation-primer/RRSE_Primer_Summer1997.pdf



Open Discussion Time



- **Opportunity for RAB members to discuss additional topics and share RAB-related updates**



Public comment reminder



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please chat the host or email Linda Geissinger by 5:20pm

Air Force Civil Engineer Center



Community Input to Remedial Investigation Scoping Activities

05 Aug 2020



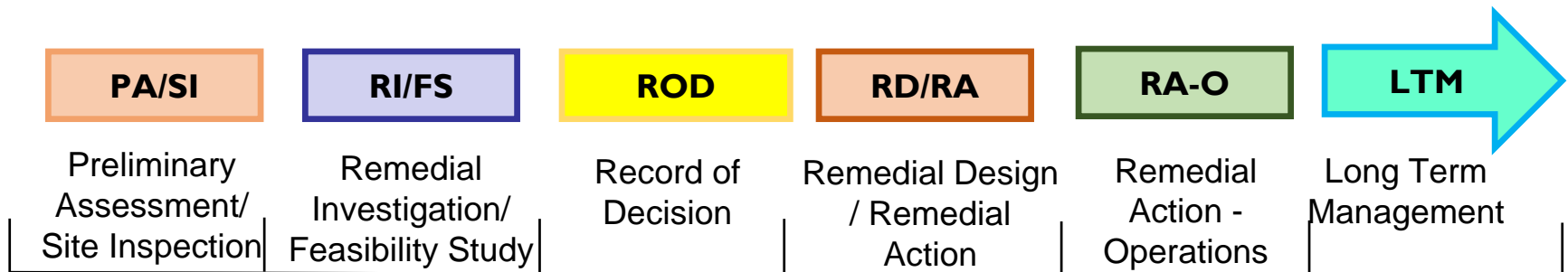
CERCLA Overview



Conceptual Process



CERCLA Nomenclature



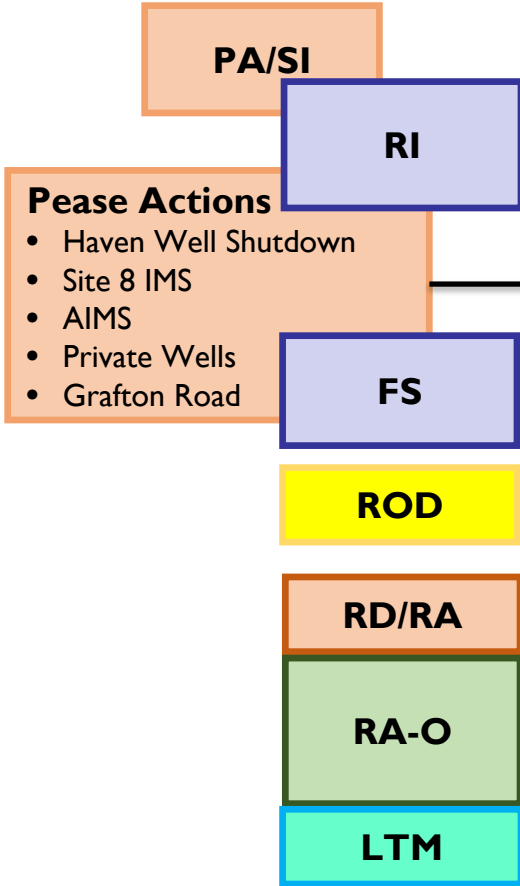
Begin Summer 2020

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

Battle Ready... Built Right!

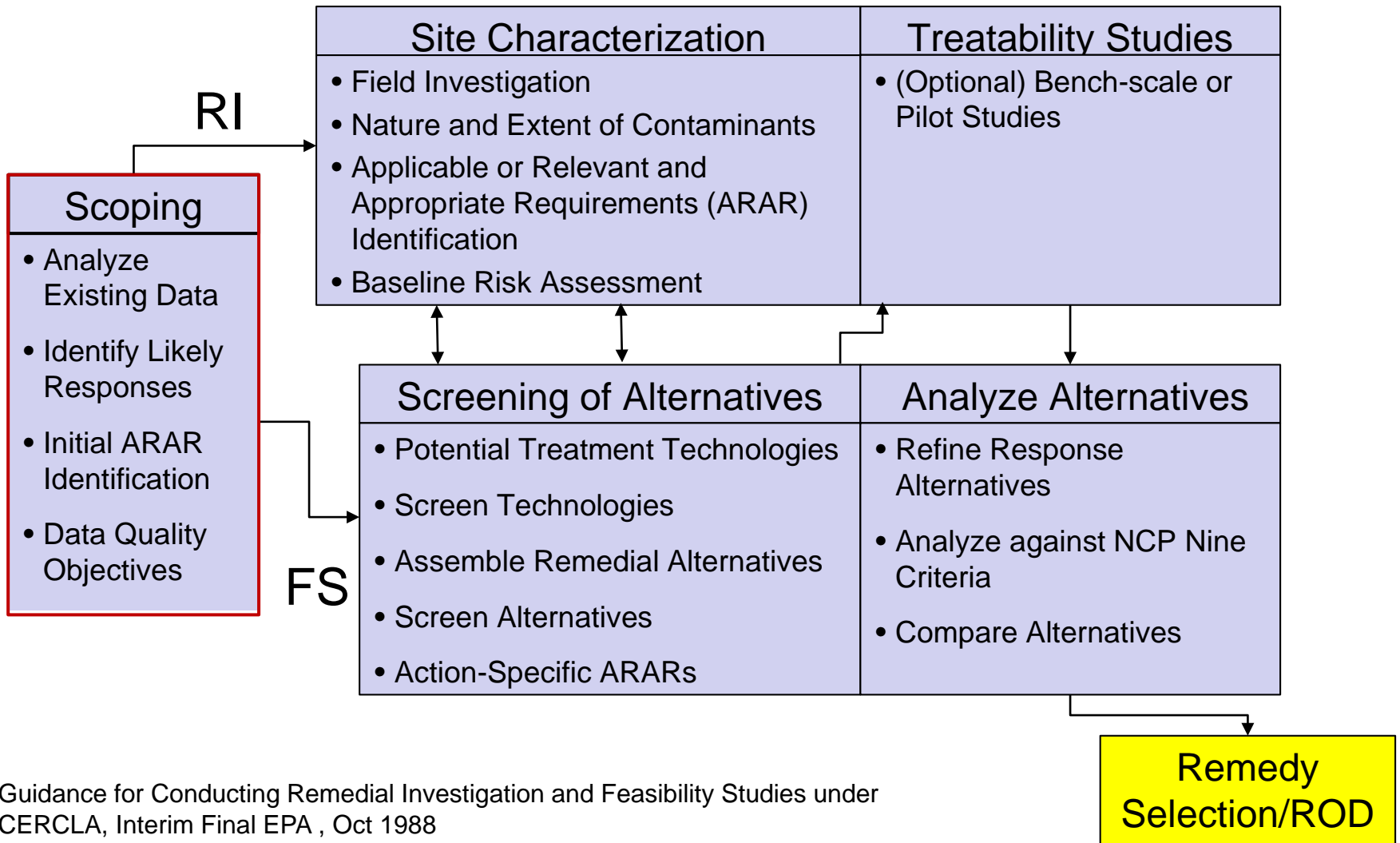


Lifecycle of Remediation Programs[©]



Activity	Timing and Key Decisions → <i>(shading indicates intensity of activity; timing arrow below indicates a representative time frame for complex sites)</i>
Site Characterization	
Risk Characterization	
Interim Response	
Establish Objectives	
Remedy Selection	
Remedy Design, Implement, Monitor & Assess Performance	
Future Management Decisions	
No Further Action -or- Long-term Management	

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Guidance for Conducting Remedial Investigation and Feasibility Studies under CERCLA, Interim Final EPA , Oct 1988

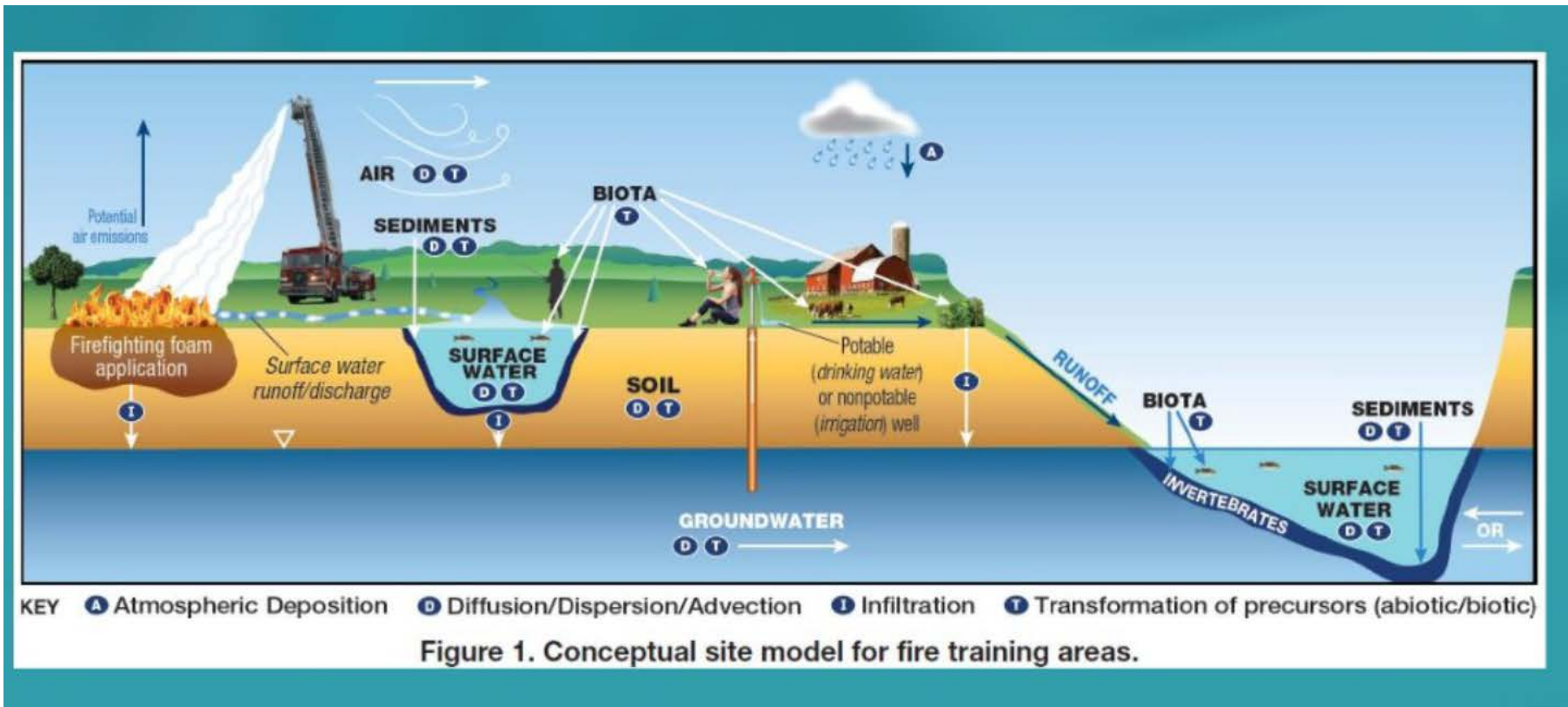


- **Analyze Existing Data**
 - *Conceptual Site Model*
 - *Identify Data Needs*
- **Identify Likely Responses**
 - Potential Technologies
 - Identify Treatability Study Needs
- **Initial ARAR* Identification**
 - Federal or State laws, rules, or regulations that could affect responses
 - Such as Endangered Species laws or wetlands regulations
- **Data Quality Objectives**
 - Site Characterization
 - Risk Assessment
 - PFAS Analyses (e.g. DOD Table B-15, Pease-specific)

Current Focus

**Applicable or Relevant and Appropriate Requirement*

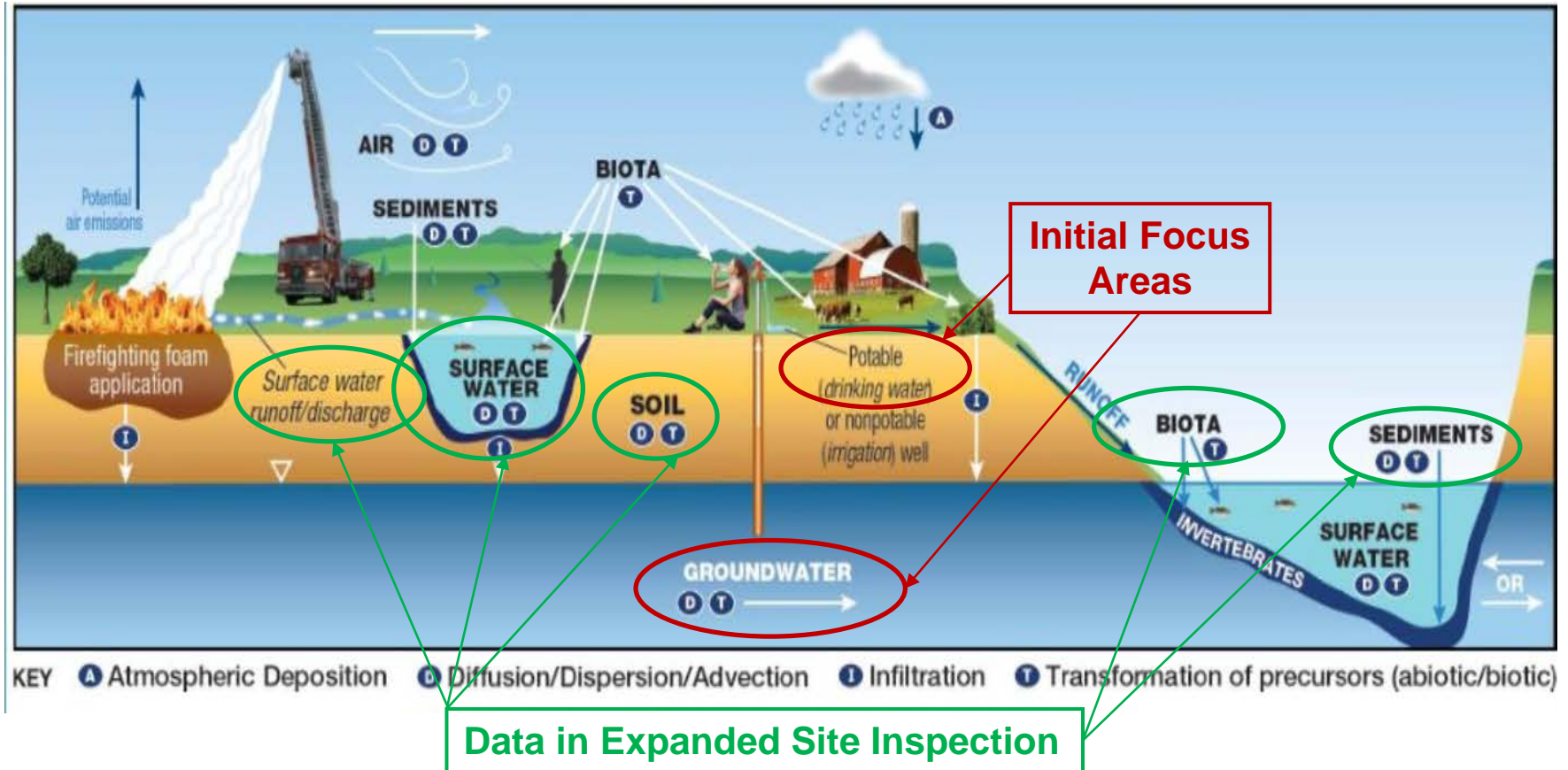
Use to evaluate pathways (how contaminants move) and interactions with receptors (e.g. human consumption or uptake into other receptors)





- **Review Conceptual Site Model from Expanded Site Inspection (ESI) and past studies**
 - Soil
 - Groundwater
 - Surface Water (Fresh)
 - Fresh Water Sediment
 - Surface Water (Estuarine)
 - Estuarine Sediment
 - Shellfish Tissue (consumption)

- Information gathered across Pease and off-site areas during Drinking Water Responses, PA, SI, and ESI





- **Previously Identified Pathways/Receptors*:**
 - Irrigation Water (ground or surface)
 - Homegrown fruits and vegetables
 - Milk/Eggs
 - Beef/Venison/Wild Turkey Meat
 - Hay/Grass used for livestock (intended for human consumption)
- **Other potential source areas**
 - Landfills
 - Waste Sites
 - Jet Fuel Spill Sites
- **Other conditions**
 - Off-site sources
 - Pumping wells for non-contact cooling water

**copies of 4 stakeholder letters provided to RAB members prior to meeting*



- **We need the RAB's help to solicit specific community input on pathways and receptors**
- **Due to COVID-19, alternate means of collecting information will be needed to eliminate face-to-face contact or entry into residences**
- **Effort must maximize homeowner/resident privacy**
- **Need feedback on most effective forms of data collection, for example:**
 - Mail Surveys
 - Hotline
 - Email
 - Telephone Interviews
 - Other?



- **Develop RI Work Plan**
 - Presents goals and objectives of RI
 - Presents Site Background and Conceptual Site Model
 - Documents sampling decisions made during scoping
 - Outlines tasks to be performed
- **Quality Assurance Project Plan**
 - Establishes data quality objectives
 - Presents quality control and quality assurance procedures
- **Field Sampling Plans**
 - Used to document objectives, locations, and frequencies of specific sampling efforts
 - Can supplement initial RI work plan for phased or iterative sampling

Goal is to complete scoping and above plans by the end of 2020

