

**Red Hill Administrative Order of Consent Scoping Meetings  
Agenda - 26/27 October 2015**

**VTC Primary: (808) 484-4912, Passcode 8506#**  
**Voice Call in: (808) 474-1762 or DSN 315-474-1762, Passcode 8506#**  
 Back up VTC (if Primary doesn't work): (805) 815-0554, Passcode 384

- Schedule: Note actual start/end times will be flexible. As we move through the schedule I will send out warnings for projected SOW Section start times via e-mail.

<b>Meeting Date/Time</b>	<b>SOW Section</b>	<b>Hawaii DOH POC</b>	<b>U.S. EPA POC</b>	<b>Navy/DLA POC</b>
10/26 0800-0945	Overview and Kick-Off	Roxanne Kwan	Bob Pallarino	Jimmy Miyamoto (NFH)
10/26 1000-1055	7.1 Groundwater Flow Model (GFW)	Richard Takaba	Bob Pallarino	June Shimabuku (NFH)
10/26 1100-1200	7.2 Fate and Transport Model (F&TM)	"	"	"
10/26 1300-1400	7.3 Groundwater Monitoring Well Network (GMWN)	"	"	"
10/26 1400-1500	6. Investigation and Remediation of Releases (IRR)	"	"	Janice Fukumoto (NFH)
10/27 0800-0945	2. Tank Inspection, Repair, Maintenance (TIRM)	Roxanne Kwan	Omer Shalev	"
10/27 1000-1200	8. Risk/Vulnerability Assessment (RVA)	Josh Nagashima	Steven Linder	TBD
10/27 1300-1410	3. Tank Upgrade Alternatives (TUA)	Thu Perry	Omer Shalev	Stephen Fujino (NFE)
10/27 1415-1500	Wrap Up	Roxanne Kwan	Bob Pallarino	Jimmy Miyamoto (NFH)

- Overview and Kick Off (0800 – 0945 HST):

- CAPT Tufts - Welcome, Opening Remarks
- Introductions from All (Project Coordinator/Alternate listed)
  - Navy/DLA: Jimmy Miyamoto/CDR Burr Vogel
  - DOH: Steven Chang/Roxanne Kwan
  - EPA: Bob Pallarino/Omer Shalev
- Navy (Jimmy) discuss:
  - Non-Disclosure Agreements
  - Navy/DLA will generate a summary within 10 business days of the meeting in accordance with SOW paragraph 1.3
  - Requirement to include discussion about QC/QA Procedures and utilize laboratories in accordance with SOW paragraph 1.6.
  - Status of Fuel Release Monitoring Systems Report & Corrosion and Metal Fatigue Practices Report Outlines

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Overview and Kick Off (0800 – 0945 HST) Continued:

- EPA lead (Bob), group discuss, Scoping Meeting Purpose and Outcomes
  - Outline of Scoping Document/Report TOC for each Section of AOC SOW
  - Identification of Key Tasks
  - Development of Decision Criteria
  - Defining Success
- EPA Discuss Project Framing (Tom and Steve)
  - Group discuss overall project goals/objectives and key criteria for decisions
    - Protection of Groundwater Resources
    - Prevention of Future Releases
    - Infrastructure and Procedural Improvements
  - Process for Reaching Consensus
- EPA Discuss Ensuring Transparency
- End

**Red Hill SOW Section 7.1 – Groundwater Flow Model (GFM) Report Scoping Meeting  
Agenda 10/26/2015 (1000 – 1055 HST)**

Navy/DLA Facilitator: June Shimabuku/Aaron Poentis  
Meeting Minutes: Raelynn Kishaba

1. Introductions/Opening Remarks/Section Agenda Review & Changes:
  - Navy/DLA + consultants
  - EPA + consultants
  - DOH + consultants
2. Discussion of Most Recent Modeling efforts:
3. Identification of Knowledge/Information gaps:
4. Role of Subject Matter Experts:
5. Elements of Scope of Work:
  - a. Data Requirements
  - b. Interim Deliverables
  - c. Progress Reports
  - d. Quality Control/Quality Assurance
6. Decision Criteria:
7. Identification of Technical Issues to be further discussed at next Scoping Meeting:
8. Action Items:
9. Additional Scoping Meetings Required?
10. Face to Face Agenda (if time permits)

**Red Hill SOW Section 7.2 – Fate and Transport Model (F&TM) Report Scoping Meeting  
Agenda 10/26/2015 (1100 – 1200 HST)**

Navy/DLA Facilitator: June Shimabuku/Aaron Poentis  
Meeting Minutes: Raelynn Kishaba

1. Introductions/Opening Remarks/Section Agenda Review & Changes:
  - Navy/DLA + consultants.
  - EPA + consultants
  - DOH + consultants intro
2. Discussion of any Previous F&T Modeling efforts
3. Identification of Knowledge/Information gaps
4. Role of Subject Matter Experts

5. Elements of Scope of Work
  - a. Data Requirements
  - b. Interim Deliverables
  - c. Progress Reports
  - d. Quality Control/Quality Assurance
6. Decision Criteria
7. Identification of Technical Issues to be further discussed at next Scoping Meeting
8. Action Items
9. Additional Scoping Meetings Required?
10. Face to Face Agenda (if time permits)

**Red Hill SOW Section 7.3 – Groundwater Monitoring Well Network (GMWN) Scoping Meeting Agenda 10/26/2015 (1300 – 1400 HST)**

Navy/DLA Facilitator: June Shimabuku/Aaron Poentis  
Meeting Minutes: Raelynn Kishaba

1. Introductions/Opening Remarks/Section Agenda Review & Changes:
  - Navy/DLA + consultants.
  - EPA + consultants
  - DOH + consultants intro
2. Review of Existing Monitoring Well Network
3. Necessity of additional Monitoring Wells
  - a. Support of Groundwater Flow Model
  - b. Support of Fate and Transport Model
  - c. Discussion of need for Sentinel Monitoring Wells
4. Role of Subject Matter Experts
5. Elements of Scope of Work
  - a. Development of Well Installation Plan
  - b. Sampling and Analysis Plan
  - c. Interim Deliverables
  - d. Progress Reports
  - e. Quality Control/Quality Assurance
6. Decision Criteria
7. Identification of Technical Issues to be further discussed at next Scoping Meeting
8. Action Items
9. Additional Scoping Meetings Required?

10. Face to Face Agenda (if time permits)

**Red Hill SOW Section 6 – Investigation and Remediation of Releases (IRR) Scoping Meeting Agenda 10/26/2015 (1400 – 1500 HST)**

Navy/DLA Facilitator: Janice Fukumoto/Aaron Poentis

Meeting Minutes: Raelynn Kishaba

1. Introductions/Opening Remarks/Section Agenda Review & Changes:
  - Navy/DLA + consultants.
  - EPA + consultants
  - DOH + consultants intro
2. Review of Tank #5 Investigation efforts to date
3. Elements of Scope of Work
  - a. Identification of Tank #5 Release locations
  - b. Site Characterization and Conceptual Site Model Development
  - c. Sampling and Data Collection
    - i. Well Design
    - ii. Quality Assurance/Quality Control
  - d. Potential Remediation Methods
  - e.
4. Role of Subject Matter Experts
5. Decision Criteria
6. Identification of Technical Issues to be further discussed at next Scoping Meeting
7. Action Items
8. Additional Scoping Meetings Required?
9. Face to Face Agenda (if time permits)

**Red Hill SOW Section 2 - Tank Inspection, Repair, Maintenance (TIRM) Scoping Meeting Agenda 10/27/2015 (0800 – 0945 HST)**

Navy/DLA Facilitator: Teri Regin

Meeting Minutes: Teri Regin (or other NFE)

1. Introductions/Opening Remarks/Section Agenda Review & Changes:
  - Navy/DLA + consultants
  - EPA + consultants
  - DOH + consultants intro
2. Contents of Tank Inspection, Repair, and Maintenance Procedures Report (refer to section 2.2 of AOC SOW)
3. Role of Subject Matter Experts

4. Decision Criteria
5. Identification of Technical Issues to be further discussed at next Scoping Meeting
6. Action Items
7. Additional Scoping Meetings Required?
8. Face to Face Agenda (if time permits)

**Red Hill SOW Section 8 – Risk/Vulnerability Assessment (RVA) Scoping Meeting  
Agenda 10/27/2015 (1000 – 1200)**

Navy/DLA Facilitator: Jimmy Miyamoto  
Meeting Minutes: Ross Shimabuku

1. Introductions/Opening Remarks/Section Agenda Review & Changes:
  - Navy/DLA + consultants
  - EPA + consultants
  - DOH + consultants intro
2. Discussion of any previous Risk Assessments performed by Navy/DLA
3. Elements of Scope of Work
  - a. Probability of Catastrophic Events
  - b. Probability of Mechanical or Human Errors
  - c. Development of Risk Matrix
  - d. Studies needed to Support Assessment
  - e. Effectiveness of Risk Mitigation and Protective Measures
  - f. Alternative Storage Locations
4. Role of Subject Matter Experts
5. Decision Criteria
6. Identification of Technical Issues to be further discussed at next Scoping Meeting
7. Action Items
8. Additional Scoping Meetings Required?
9. Face to Face Agenda (if time permits)

**Red Hill SOW Section 3 – Tank Upgrade Alternatives (TUA) Scoping Meeting  
Agenda 10/27/2015 (1300 – 1410 HST)**

Navy/DLA Facilitator: Stephen Fujino  
Meeting Minutes: Perry Nakaoka

1. Introductions/Opening Remarks/Section Agenda Review & Changes:
  - Navy/DLA + consultants
  - EPA + consultants
  - DOH + consultants intro
2. Discussion of Previous and Ongoing Tank Upgrade Studies
3. Elements of Scope of Work for TUA Report
  - a. Determination of Potential Upgrade Technologies
  - b. Interim Deliverables
  - c. Progress Reports
4. Role of Subject Matter Experts
5. Quality Assurance/Quality Control Issues
6. Decision Criteria
7. Identification of Technical Issues to be further discussed at next Scoping Meeting
8. Action Items
9. Additional Scoping Meetings Required?
10. Face to Face Agenda (if time permits)