
Monthly Progress Report

September 2010

McClellan Park FOSET #1 Privatization Project AOC Paragraph 48

Submitted to:

Mr. Alan Hersh
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Prepared by:

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Date submitted: 10 October 2010

Agreement Dated 02 June 2010 McClellan Park FOSET #1 Privatization Project

Activities for September 2010

Meetings and Project Schedule:

21 September 2010; FOSET 1 Overall Progress meeting held with regulatory agencies to discuss overall schedule, preparation of the Community Relations Plan, any planned ROD amendments, delivery of the IP #2 RD/RA work plan, and preparation of the IP #3 Proposed Plan. The meeting minutes for this meeting are attached as Attachment 1.

21 September 2010; Group 4 Scoping meeting held to provide the schedule, intended approach to the Group 4 sites, synopsis of the SEDR, synopsis of the CSM, and discussion concerning the combination of the RI and FS (AOC Tasks 3.1, 3.2, 3.3 and 3.4). The meeting minutes for this meeting are attached as Attachment 2.

Activities:

1 September 2010; Draft IP#2 ICIAP, AOC Task 8, was submitted on 1 September 2010 via email. Hardcopy was mailed on 2 September 2010.

29 September 2010; Email from Central Valley Water Board providing results of the review of the draft IP #2 ICIAP. Email states draft IC #2 ICIAP conforms to guidance with no comments. Letter providing the official results of the review will be delivered by mail.

Preparation of the Draft IP#2 Combined RD/RA Work Plan (AOC SOW Subtasks 4.2, 4.3, 4.4, and 4.5) continued throughout September 2010.

Preparation of the Draft Group 4 Conceptual Site Model (CSM) and Draft Group 4 Summary of Existing Data Report (SEDR), AOC SOW Tasks 3.2 (CSM) and 3.3 (SEDR), continued throughout September 2010.

Preparation of the Draft Community Relations Plan, AOC SOW Task 2, continued throughout August 2010.

Activities Proposed for October 2010

Meetings and Project Schedule:

FOSET #1 Overall Progress meeting is tentatively scheduled for 21 October 2010.

Draft IP#2 Combined RD/RA Work Plan (AOC SOW Subtasks 4.2, 4.3, 4.4, and 4.5) is scheduled for delivery to the regulatory agencies on 15 October 2010.

Draft Community Relations Plan, AOC SOW Task 2, is scheduled for delivery to the regulatory agencies on 21 October 2010.



Draft Group 4 CSM, AOC SOW Task 3.2, is scheduled for delivery to the regulatory agencies on 21 October 2010.

Request for eliminating the OU designator, preparing one RI, preparing one FS and combining the RI and FS into one document for the Group 4 sites is scheduled for delivery to the regulatory agencies on 21 October 2010.

Request for moving PRL S030A from IP #3 to Group 4 is scheduled to the regulatory agencies on 1 October 2010.

Activities:

Preparation of the Draft Group 4 SEDR, AOC SOW Task 3.3, will continue through October 2010.

Preparation of the EE/CA for Air Force retained condition properties will continue through October 2010.

If you have any questions or comments regarding this report, please contact Craig Marchione, by telephone at 916-643-4826 x 103, by facsimile at 916-643-9685, or by email at craig.marchione@tetrattech.com.

Attachment 1

FOSET #1 Overall Progress Meeting

Date of Meeting: 9/21/10
Location of Meeting: Tetra Tech Conference Room
Minutes Prepared By: Dana Nuccitelli

Attendees

Name	Company
Dana Booth	Sacramento County
Kyle Byard	Tetra Tech (Tt)
Yvonne Fong	United States Environmental Protection Agency (EPA)
Jay Heckenlively	McClellan Business Park (MBP)
Molly Henderson	Tt
Alan Hersh	MBP
Rich Howard	TechLaw
Frank Lopez	Department of Toxic Substances Control (DTSC)
Ben Malisow	Tt
Mike Malone	Tt
Craig Marchione	Tt
Tom Naiman	Tt
Dana Nuccitelli	Tt
David Stensby	EPA
James Taylor	Central Valley Regional Water Quality Control Board (Water Board)

Meeting Notes

FOSET #1 Overall Schedule Status

Craig Marchione, Tt: Has the EPA established a project schedule?

Yvonne Fong, EPA: The EPA has not yet established who will manage which FOSET #1 group or created a project schedule, but the schedule issued by Tetra Tech is approximately correct.

Kyle Byard, Tt: Has the EPA established who will manage IP #3?

Yvonne Fong, EPA: No, and EPA may tap TechLaw to assist with the IP #3 Proposed Plan. EPA has not yet decided

Meeting Notes

whether they are discarding the existing IP #3 Proposed Plan written by CH2MHill.

Kyle Byard, Tt: Discarding the existing IP #3 Proposed Plan could ultimately push the schedule back a full year for this group.

Yvonne Fong, EPA: Does the project schedule state that the IP #3 Proposed Plan or ROD should be complete in 6 months?

Kyle Byard, Tt: The schedule allows 9 months for the Proposed Plan, beginning 3 months ago. The potential schedule delay raises concerns about project costs.

Yvonne Fong, EPA: EPA will discuss the project schedule and IP #3 Proposed Plan strategy and make a decision within the next 2 weeks.

Document Status

Craig Marchione, Tt: According to the current schedule, regulatory comments on the Draft IP #2 ICIAP are due on 01 October 2010.

James Taylor, Water Board: In the future, please include the due date in the report cover letter.

Yvonne Fong, EPA: EPA is on track to issue comments on the ICIAP on approximately 01 October 2010.

Craig Marchione, Tt: In what format do the regulatory agencies want to receive the IP #2 Work Plan and attachments?

Frank Lopez, DTSC: DTSC prefers a hard copy, and small electronic files.

Molly Henderson, Tt: The IP #2 Work Plan will be in large volumes rather than 14 separate binders.

Alan Hersh, MBP: Include the electronic copy on a CD with the binders.

Craig Marchione, Tt: How many copies are required?

Yvonne Fong, EPA: 1

Rich Howard, TechLaw: 1

Frank Lopez, DTSC: 1

James Taylor, Water Board: 1

Alan Hersh, MBP: 2

Craig Marchione, Tt: The FOSET #1 Community Relations Plan is scheduled for submittal on 21 October 2010.

Yvonne Fong, EPA: As with Parcel C-6, Tetra Tech will draft the FOSET #1 Community Relations Plan and EPA will finalize and submit the document.

Craig Marchione, Tt: How will interviews be conducted for the FOSET #1 CRP?

Yvonne Fong, EPA: Additional interviews may not be necessary.

Molly Henderson, Tt: Interviews were included in the recent Basewide CRP and the IP #2 ROD.



Meeting Notes

Alan Hersh, MBP: Will EPA have a booth at the McClellan Business Expo on 29 September 2010?

Yvonne Fong, EPA: EPA will likely attend the Expo, but will likely not have a booth.

Molly Henderson, Tt: Will the McClellan Business Expo be an annual event?

Alan Hersh, MBP: It will more likely be a periodic event, less frequent than annually.

Craig Marchione, Tt: Tetra Tech will attempt to space out submittals for Parcel C-6 and FOSET #1 so the regulatory agencies are not inundated with several reports to review simultaneously. As a result, Tetra Tech may request extensions on some documents to allow for spacing between submittals.

IP #2 ROD Modification Status

Craig Marchione, Tt: What is the status of the IP #2 ROD modification?

Yvonne Fong, EPA: Existing SLUCs should address the EPA concerns regarding existing buildings, but will check that no ROD modification is necessary.

Tetra Tech FOSET #1 Project Management Team

Craig Marchione, Tt: Distributed an organizational chart of the Tetra Tech FOSET #1 Project Management Team.

Action Items

Action	Assigned to	Due Date	Status
Discuss project schedule and resolve IP #3 Proposed Plan strategy	Yvonne Fong, EPA	Prior to 5 October	In Progress
Verify that the EPA will not issue a modification to the IP #2 ROD	Yvonne Fong, EPA	Prior to 5 October	In Progress

Next Meeting

<i>Target Date:</i>	TBD	<i>Time:</i>	TBD	<i>Location:</i>	TBD
<i>Objectives:</i>	TBD				

Attachment 2

FOSET #1 Group 4 Scoping Meeting

Date of Meeting: 9/21/10
Location of Meeting: Tetra Tech Conference Room
Minutes Prepared By: Dana Nuccitelli

Attendees

Name	Company
Dana Booth	Sacramento County (County)
Kyle Byard	Tetra Tech (Tt)
Yvonne Fong	United States Environmental Protection Agency (EPA)
Jay Heckenlively	McClellan Business Park (MBP)
Molly Henderson	Tt
Alan Hersh	MBP
Rich Howard	TechLaw
Frank Lopez	Department of Toxic Substances Control (DTSC)
Craig Marchione	Tt
Tom Naiman	Tt
Dana Nuccitelli	Tt
David Stensby	EPA
James Taylor	Central Valley Regional Water Quality Control Board (Water Board)
Paul Wadding	Tt

Meeting Notes

Group 4 Sites

Paul Wadding, Tt: There are 15 IRP sites within Group 4. Eleven of these are within Development Area 2, and four within Development Area 5. One additional IRP site (PRL S-030A) currently included in IP #3 is proposed for inclusion in Group 4, and is also located within Development Area 5.

Dana Booth, County: The transfer of PRL S-030A from IP #3 to Group 4 was mentioned in the overall FOSET #1 Scoping Meeting in order not to slow the progress of IP #3.

Craig Marchione, Tt: Should Tetra Tech provide a request to the regulatory agencies to move PRL S-030A to Group 4?

Meeting Notes

Yvonne Fong, EPA: Yes, the written request should include an explanation justifying the change.

Alan Hersh, MBP: Development Areas contain IRP sites grouped by similar contaminants of concern, at similar junctures in the investigation and cleanup process.

Jay Heckenlively, MBP: Development Areas are grouped geographically because the Groups and RODs are dispersed throughout McClellan.

Dana Booth, County: The radiological sites (AOC 314 and PRL S-030A) have not been transferred to MBP which could delay the IP #3 ROD by several years, whereas Group 4 has a similar timeframe.

Craig Marchione, Tt: AOC 314 (a Group 4 site) and PRL S-030A are also under the same EE/CA.

Yvonne Fong, EPA: How is the Air Force funding these sites?

Jay Heckenlively, MBP: There is an allocation for just the radiological effort in the ESCA.

Paul Wadding, Tt: Presented a previous sample location map, history, and contaminant of potential concern (COPC) summary for each Group 4 site. The history and COPC list were distributed in the meeting agenda.

Kyle Byard, Tt: The parking lot covering the ground surface at AOC H-10 has been resurfaced 3 times. The industrial waste line (IWL) PRL L-001A/B has been cleared for radiological concerns and re-lined.

Alan Hersh, MBP: The lining of Second Creek (PRL P-007A) in approximately 2003 resulted in the removal of the upper 3 feet of soil.

Craig Marchione, Tt: MBP is responsible for the upper 15 feet of soil. Everything below this depth is the responsibility of the Air Force.

Frank Lopez, DTSC: Has the presence of radionuclides at AOC 314 and PRL S-030A been confirmed?

Alan Hersh, MBP: Yes, the Air Force and Cabrera have delineated the extent of radium-226 contamination, which is the only radionuclide COPC. A fee title will transfer these properties to MBP upon radiological clearance. Wetlands and vernal pools are present within AOC 314.

Paul Wadding, Tt: This scoping meeting addresses AOC SOW sub-task 3.1. The draft CSM (sub-task 3.2) is scheduled for submittal 30 days later.

Sub-task 3.3 (SEDR) will address the evaluation of existing documentation and additional data needs, and the draft submittal is scheduled for 60 days after the scoping meeting.

The potential for additional characterization or removal actions will be addressed through sub-tasks 3.3 through 3.6 (SEDR, RI/FS, SAP, RI).

Development of data quality objectives will be addressed in sub-task 3.4 (RI/FS).

The identification of preliminary remedial action objectives will be addressed in sub-task 3.6 (RI).

Paul Wadding, Tt: The IRP sites in Group 4 are divided into four geographic groupings (Operable Units). Tetra Tech recommends combining these sites into one RI, one FS, and combining these documents into a single RI/FS because they contain few data gaps and common COPCs.

Alan Hersh, MBP: When will Tetra Tech make this written request?



Meeting Notes

Craig Marchione, Tt: In conjunction with the CSM and SEDR, in approximately 30 days.

James Taylor, Water Board: Has a RICS been done on the Group 4 sites?

Craig Marchione, Tt: Yes, as reflected in the high previous sample densities.

Project Schedule

Paul Wadding, Tt: Provided the current Group 4 project schedule.

Additional Items

James Taylor, Water Board: There is a potential dispute regarding whether a risk value of 10⁻⁴ or 10⁻⁶ should be utilized for upcoming projects.

4. Action Items

<i>Action</i>	<i>Assigned to</i>	<i>Due Date</i>	<i>Status</i>
Request transferring PRL S-030A from IP #3 to Group 4, explaining the reasoning behind this move	Craig Marchione, Tt	Prior to 1 October	In Progress

5. Next Meeting

<i>Target Date:</i>	<i>TBD</i>	<i>Time:</i>	<i>TBD</i>	<i>Location: TBD</i>
Objectives:	TBD			

McClellan Business Park Group 4 Restoration Project Scoping Meeting Agenda

21 September 2010

Group 4 Scoping Meeting - AOC SOW Sub Task 3.1

1. Group 4 Sites

Group 4 IRP Site Name	OU	Lot(s)	COPCs	Preliminary Recommendation
AOC H-009A	H	47, 51, 52, 54A, 55	VOCs, SVOCs, TPH, PCBs, metals, acids and bases	NFI for all COPCs in soil. Collect additional shallow soil gas sample(s) in N.E. portion of site.
AOC H-010	H	57, 58, 59, 69, 70	TPH, SVOCs, VOCs, acids, and bases	NFI for all COPCs
AOC H-011	H	58	VOCs, SVOCs, TPH, metals, and radionuclides	NFI for all COPCs
PRL L-001A	G, H	46, 49C, 51, 54A, 55, 56	VOCs, SVOCS, TPH, metals, PCBs, bases, acids, and radionuclides	NFI for all COPCs
PRL L-001B	H	49C, 51, 55, 56, 60B	VOCs, SVOCS, TPH, metals, PCBs, bases, and acids	Collect additional Arsenic sample(s)
PRL S-039	H	57	TPH, SVOCs, VOCs,	NFI for all COPCs
PRL S-015	H	54A, 54B	VOCs, SVOCs, Metals, TPH, and radionuclides	NFI for all COPCs
PRL S-008	H	54A	VOCs, SVOCs, TPH, PCBs, acids, bases, Cadmium, Cyanide, Chromium, Chromium VI, Arsenic, and Lead	NFI for all COPCs
PRL B-007	H	49B, 49C	TPH, VOCs, SVOCs, Metals, and PCBs	NFI for all COPCs

Group 4 IRP Site Name	OU	Lot(s)	COPCs	Preliminary Recommendation
PRL-P-007A	H	48, 49A, 55, 56	VOCs, SVOCs, Metals, TPH, and radionuclides	NFI for all COPCs
PRL T-044	G	23	Metals, PCBs, SVOCs, TPH, and VOCs	Collect additional shallow soil gas sample(s) in S.E. portion of site. Collect additional Arsenic sample(s)
PRL S-046A	C	177, 181, 182	TPH, VOCs, SVOCs, Metals, and residues from exploded ordnance	NFI for all COPCs
PRL-066	C	177	VOCs, SVOCs, inorganics, PCBs, dioxins, and TPH	NFI for all COPCs
PRL L-007A/F	C	177	VOCs, SVOC, TPH, metals, and radionuclides	NFI for all COPCs
AOC 314	C	1, 177	Radionuclides, PCBs, metals, TPH, VOCs, SVOCs, dioxins, and furans	Collect additional dioxins and furan sample(s)
PRL S-030A ¹	B	150	Radionuclides, TPH, VOCs, and PCBs	NFI for TPH and PCB COPCs in soil. Collect additional soil gas sample(s)

¹Site PRL S-030A is recommended to be moved from Group 3 to Group 4

2. Development of Initial Conceptual Site Model (CSM) - AOC SOW Sub Task 3.2

- A CSM is being developed and/or updated for Each Group 4 site. The Draft CSM submittal is due 30 days from the Group 4 Scoping Meeting.
- AOC 314 and PRL S-030A – Require work under a Non-Time-Critical Removal Action (NTCRA) to remove radiological contamination. CSM for this project developed with the understanding that the NTCRA will occur first and the contamination associated with the NTCRA will no longer be present at the site.
- CSM Components/Development
 - Historical information regarding the history of the facilities located at each IRP site (i.e. Facility ID, year constructed, size, usage, current condition).
 - Known and potential sources of contamination.
 - Potentially contaminated media and types of contaminants expected.
 - Contaminant fate and transport mechanisms and migration pathways.
 - Potential exposure pathways and routes of exposure.
 - Potential human and ecological receptors.

3. Evaluation of Existing Documentation - Additional Data Needs - AOC SOW Sub Task 3.3

- Review of relevant historical investigations by site
- Sample results of previous investigations by site
- Identification of data gaps and recommendation for further action

4. Potential for Additional Characterization or Removal Actions - AOC SOW Sub Tasks 3.3 through 3.6

- Based on data gap evaluation and existing site characterization
- Addressed in SEDR and/or RI/FS documents

5. Development of Data Quality Objectives (DQOs) - AOC SOW Sub Task 3.4

- Purpose: Identify overall objective of site-specific data needs and follow a documented sampling strategy. Ensure that all sampling meets the needs of the project, and the usability of the data is directly linked to the objectives.
- Use existing DQOs developed in previous investigations/characterizations.
- Follow EPA 7 Step Process identified in the DQO Guidance (EPA QA/G-4) for updates to the DQOs.

6. Identification of Preliminary Remedial Action Objectives (RAOs) - AOC SOW Sub Task 3.6

- Any existing RAOs will be used
- Addressed in the Group 4 RI/FS

7. Baseline Risk Assessment Scoping - AOC SOW Sub Task 3.6

- Use existing risk assessment data from previous investigation to ensure BRA components from Subtask 3.6.2 of the AOC SOW are met

8. RI/FS Report - AOC SOW Sub Task 3.6 and 3.7

- IRP sites currently divided into 4 geographic groupings referred to as Operable Units (B, C, G, and H)
- Current grouping by ROD and COPC, therefore OU designators are no longer necessary
- Recommend combining all Group 4 sites into one RI due to common COPCs
- Recommend combining all Group 4 sites into one FS due to common COPCs which may result in evaluation of common remedial actions
- Recommend combining the RI and FS into one report due to limited data gaps and common COPCs

9. Prioritization of Work/Parcels - AOC SOW Sub Task 3.6 and 3.7

- Addressed in the Group 4 RI/FS
- Sites will be prioritized according to the results of the current and previous investigations

10. Identification of Preliminary Applicable or Relevant and Appropriate Requirements (ARARs) - AOC SOW Sub Task 3.7

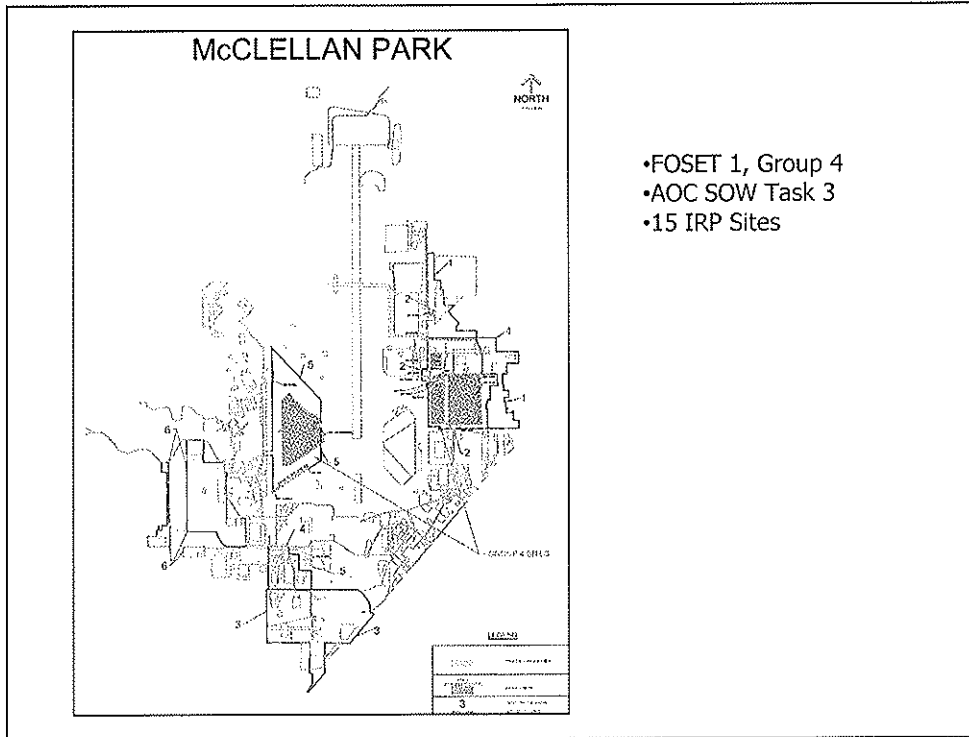
- Addressed in the Group 4 RI/FS
- Potential ARARs from previous investigations will be considered

11. RI/FS Preliminary Schedule

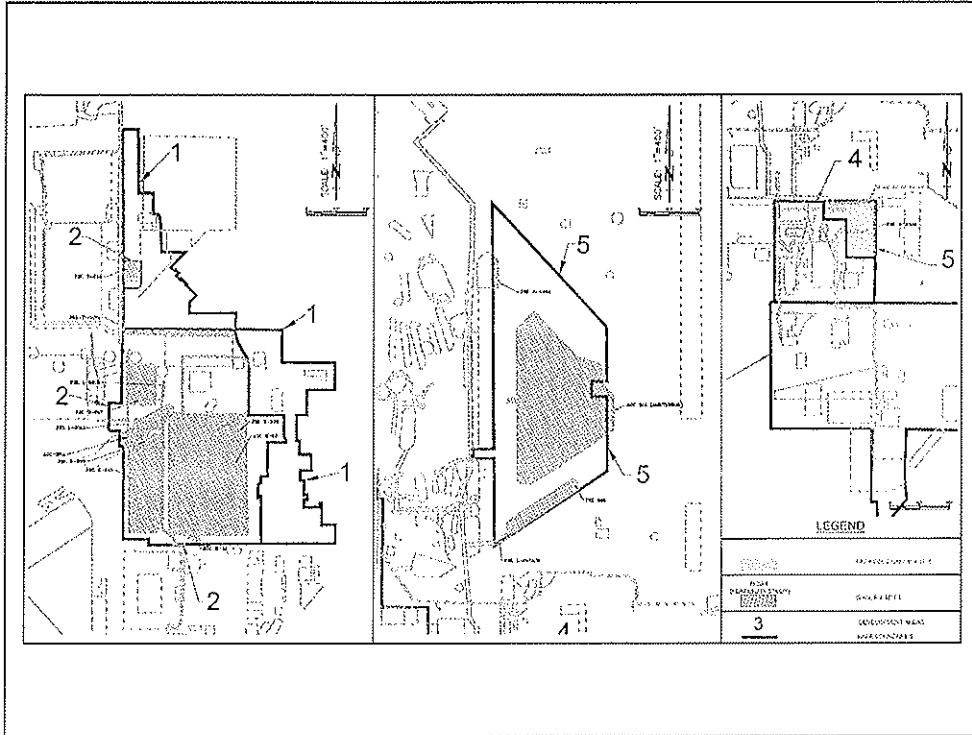
- See attached preliminary schedule

**McClellan Business Park
Group 4 Restoration Project**

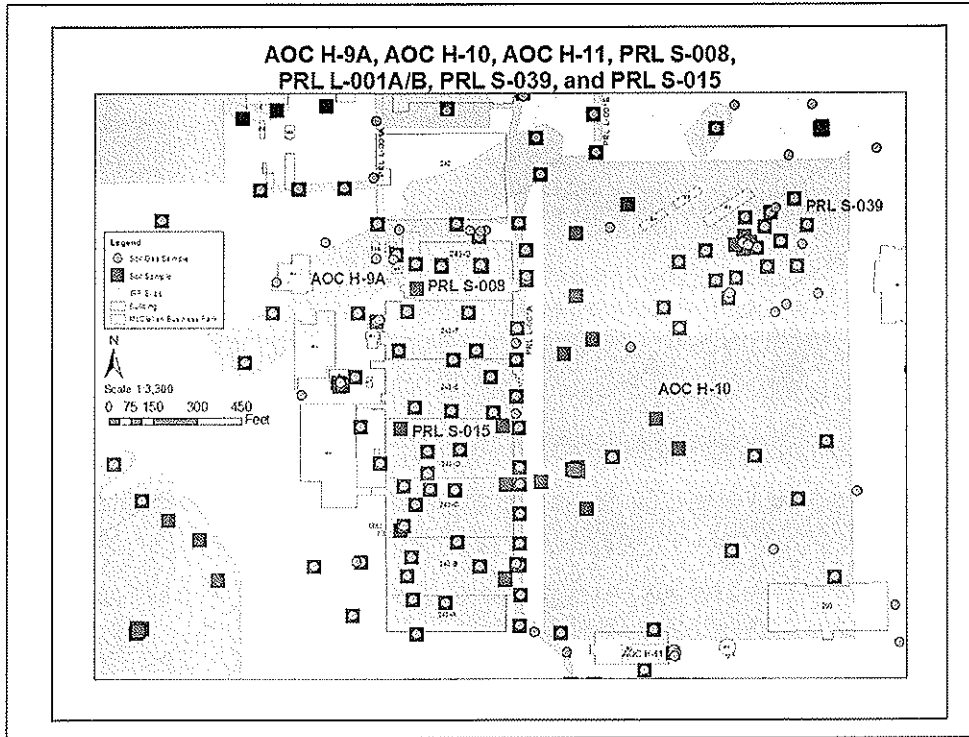
**Scoping Meeting
21 September 2010**



- AOC SOW Task 3 – Remedial Investigation and Feasibility Study Work
- Scoping Meeting is from AOC SOW Sub Task 3.1
- 15 IRP sites (11 sites in Development Area 2 and 4 sites in Development Area 5)
- 1 site proposed to be moved from Group 3 (IP#3) to Group 4



- Following slides will show that each site has undergone extensive remedial investigation
- Field investigations from the late 1980s through 2007. Investigations include:
 - 1997 FSP
 - RICS in 1998 and 2000
 - 1990s-Basewide VOC and non-VOC FS
 - OU specific documents- PAs, RICS, FS
 - 1997 Radiation Summary Report, 2005 Radiological FSP
 - 2007 FOSET



Large cluster of sites in the southern portion of Development Area 2. Sample locations shown on slide.

AOC H-009A- Former location of two surface stains-identified in a 1951 aerial photograph. Most likely caused by fuel, oil, or hydraulic fluid leaks. There is also reported to be a battery disposal pit (southwestern portion of the site, not part of Group 4). The area has since been developed with several buildings and parking lots.

AOC H-010- Former aircraft parking area/apron and portion of an old taxiway, used from approximately 1946 to 1971. The site was identified as an area of concern because of potential fuel, oil, and hydraulic fluid surface spills. Approximately 98% of the site is now paved.

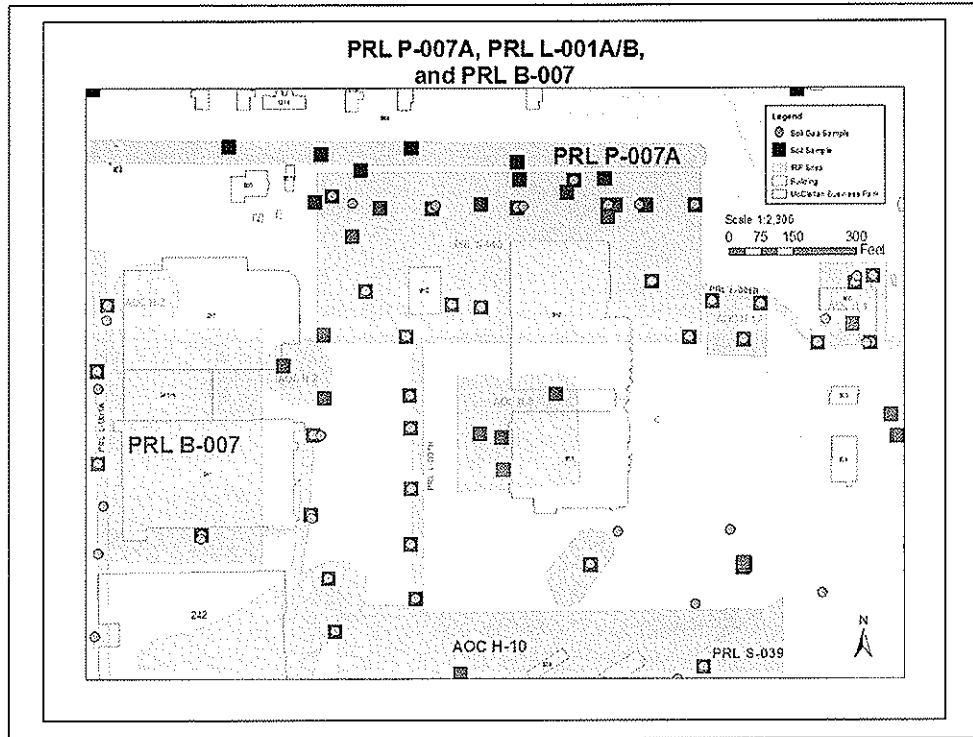
AOC H-011-a potential burial pit, allegedly used from 1940 to 1946. The burial pit was identified during an interview with a McClellan AFB employee; however, later reviews of oblique aerial photographs identified the area as a mound of soil used to climb onto aircraft wings. Building 280 was built over the site around 1946 and was used as a cafeteria.

PRL L-001A and B Segments of the industrial waste line primarily along Luce Ave. The IWL was used to transport wastewater generated from numerous industrial facilities to the industrial wastewater treatment plant located west of Bldg. 243-G. PRL L-001 A and B are approximately 12,500 feet long. Group 4 only includes the portion of PRL L-001A/B north of Peacemaker Way and south of James Way.

PRL S-039 The location of a former aircraft maintenance area within AOC H-10, west of Dudley Boulevard. The site was used to house aircraft during maintenance activities. Aircraft maintenance and refueling activities were performed from the early 1950s to 1970. Soil contamination was discovered during construction of the McClellan AFB Aviation Museum.

PRL S-015 Consists of Building 243, Bays A-F. Constructed in stages between 1972 and 1975, Buildings 243 A-F have been in operation since approximately 1979. Industrial shops include hydraulic repair shop, sheet metal fabrication, aircraft part manufacturing, surface coating and degreasing. All shops have IWL floor drains.

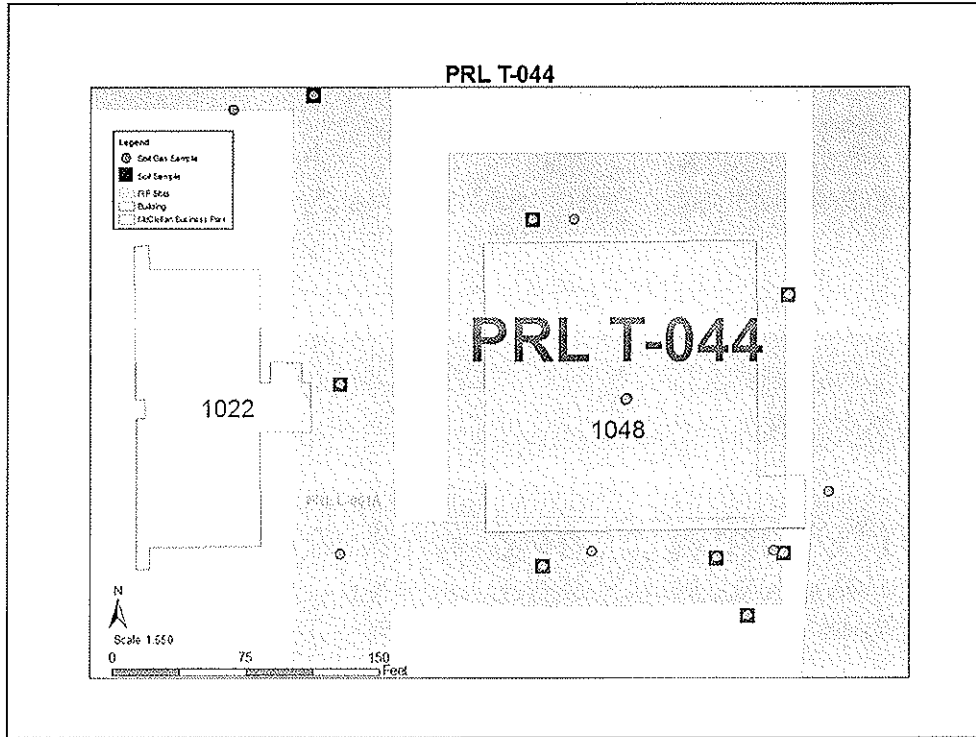
PRL S-008 Building 243-G, a former hazardous material storage area and industrial wastewater treatment plant (IWTP). Building 243-G began operations in 1979 and was utilized for metal plating of aircraft parts and corrosion protection.



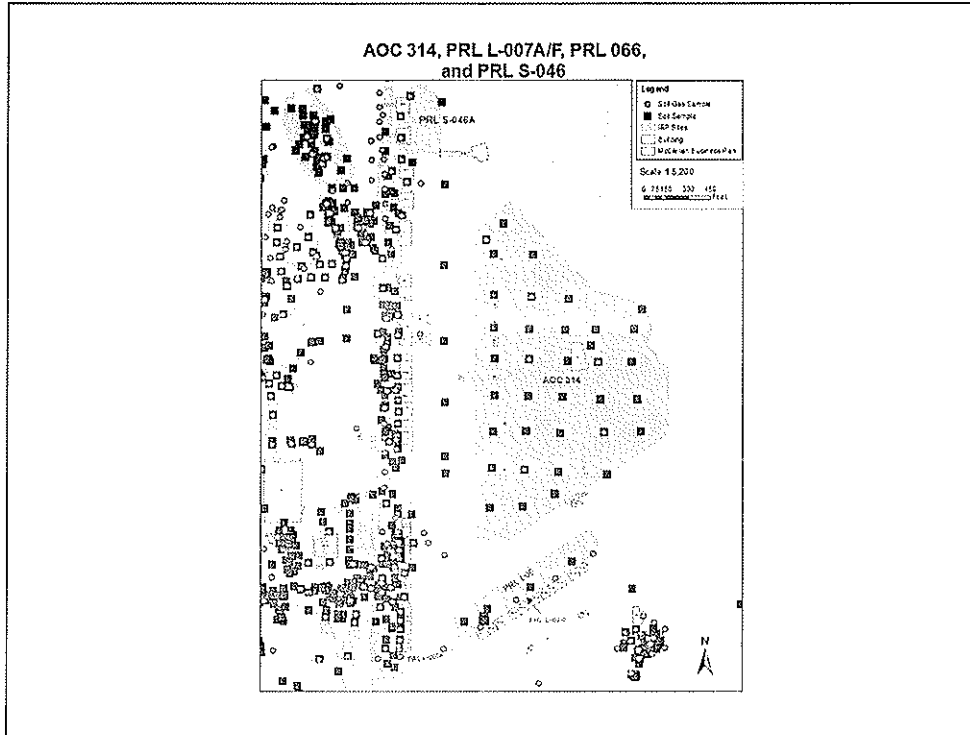
PRL B-007 In the area of a former aircraft apron. The PRL B-007 area was used intermittently for aircraft parking From 1943 to 1962. Soil stains were observed at the locations of the parked aircraft in the 1957 aerial photograph of the site. Buildings 241 and 241A were constructed in 1982 and Building 237 was constructed in 1989. The buildings cover a large portion of the site.

PRL L-001 A/B IWL-continued from previous slide, this slide shows PRL L 001A along the west side of Site PRL B-007 and PRL L-001B running N-S through the center of the slide then turning to the east.

PRL P-007A A drainage ditch channel also known as Second Creek or the James Way Channel. The concrete-lined channel drains to the west and goes under the runway. Group 4 only includes the 1,700-foot long portion of PRL P-007A south of James Way, bordered by Dudley Boulevard to the east and the Development Area 2 boundary to the west.



PRL T-044 consists of Building 1048 and the surrounding area, and is located between Perrin and Price Avenues, north of James Way. Building 1048 is a former aircraft engine maintenance facility and firehouse. Industrial operations began at this facility in 1957 and included engine maintenance, wing repair and modifications, hydraulic system maintenance, bearing cleaning, and battery maintenance.



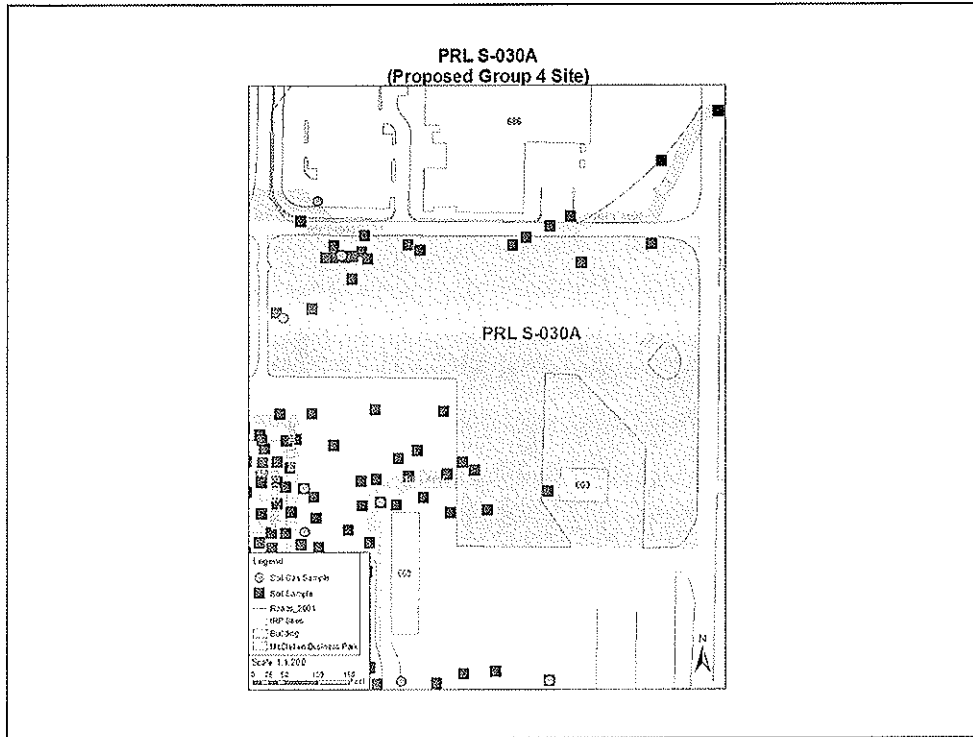
Development Area 5 sites.

PRL S-046A The portion of PRL S-046 within Lot 177. Currently a aircraft taxi lane. Historically, flight preparation operations have been conducted. Waste fuel, engine oil, and solvents were collected in drip pans and then deposited in containers which were taken to other areas of the base for disposal.

PRL 066 Located within Lot 177 in the southern portion of this figure. Activities at PRL 066 included aircraft engine testing and maintenance. The IRP site is located adjacent to former test stands in Buildings 732–735, which were built in 1957 and operational until 1998. Prior to the installation of the IWL in the early 1970s, PRL 066 received all the drainage from testing and maintenance operations in the test stands.

PRL L-007A/F PRL L-007A is a portion of the IWL constructed in 1970, consisting of two lateral lines and one main line. The portion of PRL L-007A/F within Group 4 is the segment of the IWL running northeast-southwest (the lateral line) which is located in Lot 177. PRL L-007F is the portion of PRL L-007A which overlaps with PRL 066. The lateral line collected wastewater from trenches located northwest of the test stands in Buildings 732–735.

AOC 314, AOC 314 (also known as “AOC Ammunition”) was used for munitions storage from 1943 to 1989. Buildings on the site were removed between 1991 and 1993. AOC 314 is undergoing an Early Removal Action for radionuclides which is not part of the Group 4 RI/FS work.



- Early Removal Action for radionuclides, grouped with AOC 314
- Proposed inclusion in Group 4 because of the association with AOC 314
- Group 4 CSM does not address radionuclides, assumes radionuclide issues addressed by the Early Removal Action
- Building 603 is within the boundary of PRL S-030A, and was formerly a vehicle refueling and maintenance facility with a UST and an oil-water separator
- UST removal in 1984 and NoFA letter issued

- Conceptual Site Model
 - AOC SOW Sub Task 3.2
 - Draft CSM due 30 days from Group 4 Scoping Meeting

- CSM identifies the potential sources of contamination, exposure pathway, and the potential impact to human and ecological receptors

- AOC 314 and PRL S-030A – Require work under a Non-Time-Critical Removal Action (NTCRA) for radionuclides. CSM for this project developed with the understanding that the NTCRA will occur first and the contamination associated with the NTCRA will no longer be present at the site.

- CSM Components/Development

- Historical information regarding the history of the facilities located at each IRP site (i.e. Facility ID, year constructed, size, usage, current condition).
- Known and potential sources of contamination.
- Potentially contaminated media and types of contaminants expected.
- Contaminant fate and transport mechanisms and migration pathways.
- Potential exposure pathways and routes of exposure.
- Potential human and ecological receptors.

- Evaluation of Existing Documentation-
Additional Data Needs
 - Addressed in AOC SOW Sub Task 3.3-
Summary of Existing Data Report (SEDR)
 - SEDR draft submittal is due 60 days from
Group 4 Scoping Meeting

The SEDR shall contain recommendations for further actions at the Property. Generally, SEDR recommendations are:

- That no response action or no further response action is appropriate;
- To collect additional data to fill data gaps;
- To proceed with a RI or RI addendum; or
- That sufficient data is available to proceed to a FS.

- Potential for Additional Characterization or Removal Actions
 - AOC SOW Sub Tasks 3.3 through 3.6

Sub Task 3.3 –SEDR

Sub Task 3.4 – RI/FS Work Plan

Sub Task 3.5 – SAP

Sub Task 3.6 – RI or RI Addendum Report

- **Development of Data Quality Objectives (DQOs)**
 - DQO identified in Sub Task 3.4 (RI/FS Work Plan)
 - Purpose: Identify overall objective of site-specific data needs
 - Use existing DQOs developed in previous investigations/characterizations.
 - Follow EPA 7 Step Process identified in the DQO Guidance (EPA QA/G-4) for updates to the DQOs.

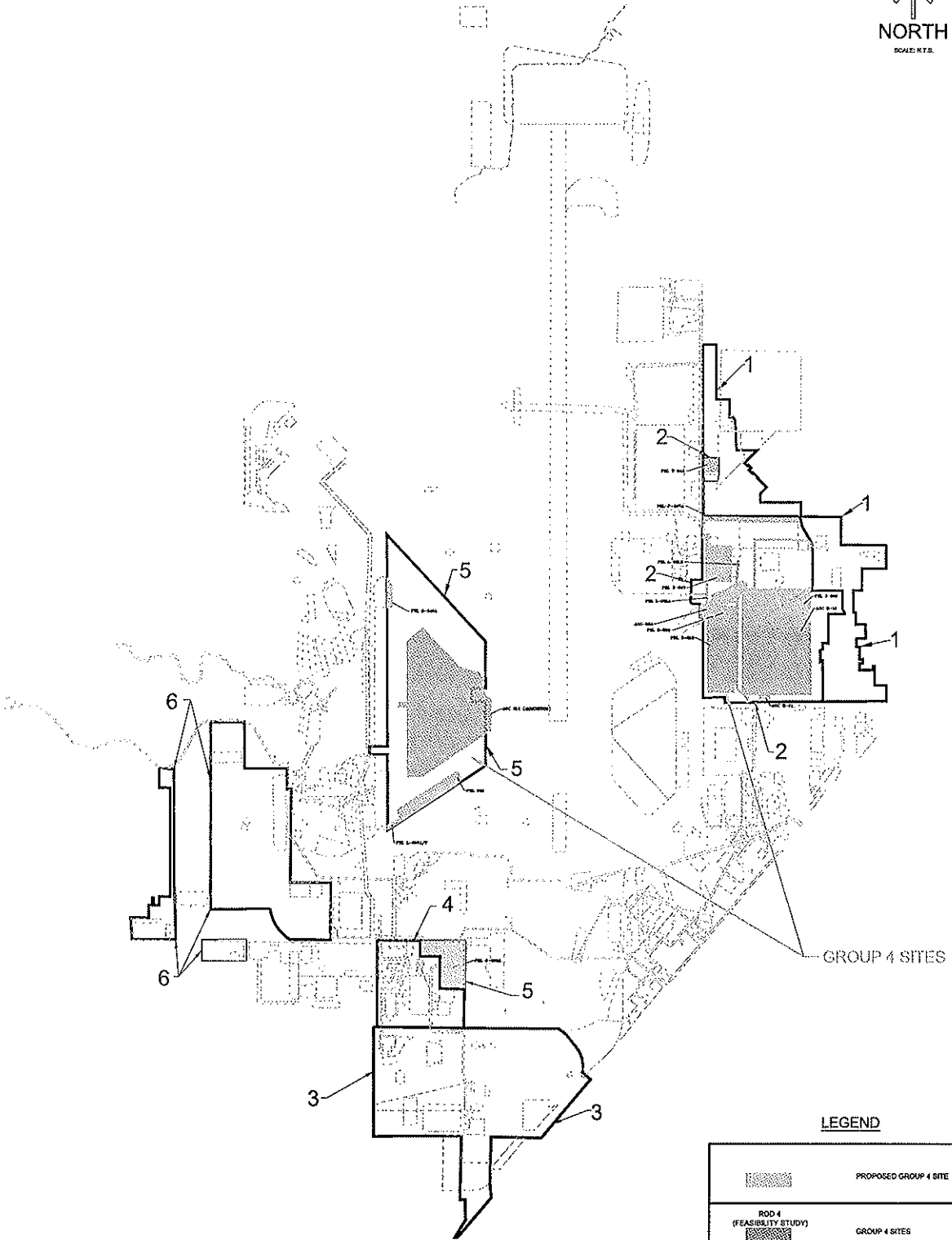
- Identification of Preliminary Remedial Action Objectives (RAOs)
 - AOC SOW Sub Task 3.6-RI or RI Addendum Report
 - Baseline Risk Assessment Scoping – AOC Sub Task 3.6.2

- **RI/FS Report**
 - IRP sites currently divided into 4 geographic groupings referred to as Operable Units (B, C, G, and H)
 - Current grouping by ROD and COPC, therefore OU designators are no longer necessary
 - Recommend combining all Group 4 sites into one RI due to common COPCs
 - Recommend combining all Group 4 sites into one FS. COPCs may result in evaluation of common remedial actions
 - Recommend combining the RI and FS into one report due to limited data gaps and common COPCs

Scoping Meeting discussion item – Multiple OUs, RI and FS reports

- **Prioritization of Work**
 - AOC SOW Sub Tasks 3.6 and 3.7
- **Identification of Preliminary Applicable or Relevant and Appropriate Requirements (ARARs)**
 - AOC SOW Sub Task 3.6 and 3.7

McCLELLAN PARK



LEGEND

	PROPOSED GROUP 4 SITE
	GROUP 4 SITES
	DEVELOPMENT AREAS
	AREA BOUNDARIES



FOSET 600 ACRE CERCLA STATUS

PROJECT NO. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____
 DATE _____
 SEPTEMBER, 2010



600 Acre Group 4 AOC SOW Task 3 Preliminary Schedule

ID	Task Name	Duration	Start	Finish	0 4Q10 1Q11 2Q11 3Q11 4Q11 1Q12 2Q12 3Q12 4Q12 1Q13 2Q13 3Q13 4																																
					S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M
1	Task 3 Remedial Investigation and Feasibility Study (RI/FS) Work	746 days	Tue 9/21/10	Mon 7/29/13																																	
2	Sub Task 3.1 Scoping Meeting	0 edays	Tue 9/21/10	Tue 9/21/10	◆ 9/21																																
3	Sub Task 3.2 Conceptual Site Model (CSM)	111 days	Tue 9/21/10	Tue 2/22/11	◆ 9/21																																
4	Tetra Tech Production of Draft CSM	20 edays	Tue 9/21/10	Mon 10/11/10	◆ 9/21																																
5	MBP and County review Draft CSM	7 edays	Mon 10/11/10	Mon 10/18/10	◆ 9/21																																
6	Tetra Tech address MBP and County comments	3 edays	Mon 10/18/10	Thu 10/21/10	◆ 9/21																																
7	Tetra Tech Submittal of Draft CSM	0 edays	Thu 10/21/10	Thu 10/21/10	◆ 10/21																																
8	Regulatory Review of Draft CSM	32 edays	Thu 10/21/10	Mon 11/22/10	◆ 10/21																																
9	Tetra Tech R to C	22 edays	Mon 11/22/10	Tue 12/14/10	◆ 10/21																																
10	MBP and County review Draft Final CSM	7 edays	Tue 12/14/10	Tue 12/21/10	◆ 10/21																																
11	Tetra Tech address MBP and County comments	1 eday	Tue 12/21/10	Wed 12/22/10	◆ 10/21																																
12	Tetra Tech submittal of Draft Final CSM	0 edays	Wed 12/22/10	Wed 12/22/10	◆ 12/22																																
13	Regulatory Review of Draft Final CSM	30 edays	Wed 12/22/10	Fri 1/21/11	◆ 12/22																																
14	Tetra Tech R to C	21 edays	Fri 1/21/11	Fri 2/11/11	◆ 12/22																																
15	MBP and County review Draft Final CSM	10 edays	Fri 2/11/11	Mon 2/21/11	◆ 12/22																																
16	Tetra Tech address MBP and County comments	1 eday	Mon 2/21/11	Tue 2/22/11	◆ 2/22																																
17	Tetra Tech submittal of Final CSM	0 edays	Tue 2/22/11	Tue 2/22/11	◆ 2/22																																
18	Sub Task 3.3 Summary of Existing Data Report (SEDR)	155 days	Tue 9/21/10	Fri 4/22/11	◆ 2/22																																
19	Tetra Tech Production of Draft SEDR	55 edays	Tue 9/21/10	Mon 11/15/10	◆ 2/22																																
20	MBP and County review Draft SEDR	7 edays	Mon 11/15/10	Mon 11/22/10	◆ 2/22																																
21	Tetra Tech address MBP and County comments	1 eday	Mon 11/22/10	Tue 11/23/10	◆ 2/22																																
22	Tetra Tech Submittal of Draft SEDR	0 edays	Tue 11/23/10	Tue 11/23/10	◆ 11/23																																
23	Regulatory Review of Draft SEDR	30 edays	Tue 11/23/10	Thu 12/23/10	◆ 11/23																																
24	Tetra Tech R to C	22 edays	Thu 12/23/10	Fri 1/14/11	◆ 11/23																																
25	MBP and County review Draft Final SEDR	7 edays	Fri 1/14/11	Fri 1/21/11	◆ 11/23																																
26	Tetra Tech address MBP and County comments	2 days	Fri 1/21/11	Mon 1/24/11	◆ 11/23																																
27	Tetra Tech submittal of Draft Final SEDR	0 days	Mon 1/24/11	Mon 1/24/11	◆ 1/24																																
28	Regulatory Review of Draft Final SEDR	30 edays	Mon 1/24/11	Wed 2/23/11	◆ 1/24																																
29	Tetra Tech R to C	20 edays	Wed 2/23/11	Tue 3/15/11	◆ 1/24																																
30	MBP and County review Draft Final SEDR	7 edays	Tue 3/15/11	Tue 3/22/11	◆ 1/24																																
31	Tetra Tech address MBP and County comments	1 eday	Tue 3/22/11	Wed 3/23/11	◆ 3/23																																
32	Tetra Tech submittal of Final SEDR	0 edays	Wed 3/23/11	Wed 3/23/11	◆ 3/23																																
33	Regulatory Approval of Final SEDR	30 edays	Wed 3/23/11	Fri 4/22/11	◆ 3/23																																
34	Sub Task 3.4 Remedial Investigation/Feasibility Study (RI/FS) Work Plan	131 days	Fri 4/22/11	Mon 10/24/11	◆ 3/23																																
35	Tetra Tech Production of Draft RI/FS Work Plan	24 edays	Fri 4/22/11	Mon 5/16/11	◆ 3/23																																
36	MBP and County review Draft RI/FS Work Plan	7 edays	Mon 5/16/11	Mon 5/23/11	◆ 3/23																																
37	Tetra Tech address MBP and County comments	1 eday	Mon 5/23/11	Tue 5/24/11	◆ 3/23																																
38	Tetra Tech Submittal of Draft RI/FS Work Plan	0 edays	Tue 5/24/11	Tue 5/24/11	◆ 5/24																																
39	Regulatory Review of Draft RI/FS Work Plan	30 edays	Tue 5/24/11	Thu 6/23/11	◆ 5/24																																
40	Tetra Tech R to C	20 edays	Thu 6/23/11	Wed 7/13/11	◆ 5/24																																
41	MBP and County review Draft Final RI/FS Work Plan	7 edays	Wed 7/13/11	Wed 7/20/11	◆ 5/24																																
42	Tetra Tech address MBP and County comments	2 days	Thu 7/21/11	Fri 7/22/11	◆ 5/24																																
43	Tetra Tech submittal of Draft Final RI/FS Work Plan	0 days	Fri 7/22/11	Fri 7/22/11	◆ 7/22																																
44	Regulatory Review of Draft Final RI/FS Work Plan	31 edays	Fri 7/22/11	Mon 8/22/11	◆ 7/22																																
45	Tetra Tech R to C	23 edays	Mon 8/22/11	Wed 9/14/11	◆ 7/22																																
46	MBP and County review Final RI/FS Work Plan	7 edays	Wed 9/14/11	Wed 9/21/11	◆ 7/22																																
47	Tetra Tech address MBP and County comments	1 eday	Wed 9/21/11	Thu 9/22/11	◆ 7/22																																
48	Tetra Tech submittal of Final RI/FS Work Plan	0 days	Thu 9/22/11	Thu 9/22/11	◆ 9/22																																

