

Aerojet Rocketdyne Activities – May 2014
(Bold Items shown on Figure)

- A **GET L-A**
- B **GET L-B**
- C **ARGET**
- D **AC-6**
- E **AC-12**
- F **AC-18** and **AC-23**
- G **AC-24**
- H **GET AB** – Construction completed and plant being ramped up in processing flow by adding new extraction wells. New facility uses less power with the upgraded UV system.
- I **GET E/F** Plant modifications underway. Installing IX units for perchlorate removal – allowing plant expansion. Some IX units are now operational
- J **GET D.**
- K **GET J**
- L **GET K**
- M **GET H**
- N **White Rock Road North Dump -**
- O **New Monitor Wells/Extraction Wells:**
 1. Proposed monitor wells - in Ancil Hoffman Park near extraction well to help define groundwater capture; eastern end of Landis Avenue to define plume capture; Queenston Court to define NDMA plume; and, depending on results from Queenston Court, a well a well near Lincoln Avenue.
 2. Will be installing additional **extraction wells** on the Teichert site east and west of Grant Line Road to complete capture of the toe of the plume.
 3. New extraction well near Hogout in Layer A has been completed.
 4. 3 Extraction wells are being constructed in Gold River – Layer E for TCE control.
 5. Two new extraction wells have been completed near Reserve Drive – completed in Layer D to intercept perchlorate plume
- P **Chettenham Well**
- Q Sacramento County Water Supply Replacement Issues – Golden State Water Company and Carmichael Water District are working on a project to bring American River water to Golden State
- R Draft Soils Engineering Evaluation and Cost Analysis – Aerojet has proposed to expedite soil cleanups where the proposed remedy is excavation. This document would be used as the process to do so. Agencies are reviewing. No changes.
- S Western Groundwater Operable Unit. Aerojet submitted an Outer Barrier Performance Evaluation Report to assess plume capture.
- T Perimeter Operable Unit – Aerojet has provided revisions to Preliminary Design Reports for groundwater (Zones 1, 2 and 3) remedy in response to Agency comments. EPA has provided approval
- U Boundary OU – Proposed Plan. Comments are being reviewed.

- V Island OU – Agencies have supplied comments on draft remedial investigation report and Aerojet has prepared responses. Aerojet is preparing the draft risk assessment.
- W **Area 39 Open Space** – No changes.
- X Treatability Studies:
- i) **Line 03.** No change
 - ii) **In-situ Bioremediation of NDMA.** Addition of propane into the shallow groundwater to stimulate bacteria to degrade NDMA finished field work. Report is being drafted. No change
 - iii) Encapsulated Bacteria for NDMA Destruction. Microvi expanded pilot study is on-going. 120 gpm at **GET E/F** – fluidized bed. Project completed.
 - iv) **Area 40 PRB.** No Changes
 - v) Use of So. Cal perchlorate ion exchange resin to pretreat IX system at Aerojet. Evaluation completed. Full scale pilot at ARGET will take place.
- Y Eastern Operable Unit. Preparing Remedial Investigation report.
- Z Central Operable Unit.
- AA NPDES Permit.

IRCTS:

- i) **Sigma Complex In-situ Bioremediation of Groundwater.** Boeing has turned the system off and is evaluating rebound in groundwater. Concentrations of perchlorate have been reduced significantly. No changes.
- ii) **White Rock Road Dumps 1 and 2.** Closure is complete.
- iii) **GET F Sprayfield and PBA.** Two new extraction wells have been constructed and are awaiting pipeline to GET E/F as part of the PGOU effort.
- iv) **GET H-B.** No changes.
- v) **SGSA Treatment System** – Due to the construction of a storm drain main along Douglas Road that will cut off the pipeline from the extraction wells on the south side of Douglas Road, Boeing is constructing a small treatment system south of Douglas Road. The project is on-hold pending outcome of discussions regarding flow in creek