

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

- A **GET L-A**
- B **GET L-B**
- C **ARGET**
- D **AC-6**
- E **AC-18** and **AC-23**. Still working on methods to deal with fine particles entering the system.
- F **AC-24**
- G **GET AB** – Construction completed and plant being ramped up in processing flow by adding additional extraction wells. New facility uses less power with the upgraded UV system. Water being sent to the industrial water supply system for reuse, Pipeline connecting two new extraction wells in eastern Zone 2 is being constructed.
- H **GET E/F** Plant modifications underway. Installing IX units for perchlorate removal – allowing plant expansion. Some IX units are now operational. Following of the new pipeline to GET AB, a new pipeline connecting extraction wells on the IRCTS property in southeast Zone 2, and extraction wells for the Propellant Burn Area and GET F Sprayfield will be constructed.
- I **GET D**.
- J **GET J**
- K **GET K**
- L **GET HA**
- M **White Rock Road North Dump -**
- N **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. Completed first of two additional **extraction wells** on the Teichert site east and west of Grant Line Road to complete capture of the toe of the plume and the second is being started.
  3. New extraction well near Hogout in Layer A will be drilled in September.
  4. 3 Extraction wells are being constructed in Gold River – Layer E for TCE control. Start in August.
  5. Two new extraction wells have been completed near Reserve Drive – completed in Layer D to intercept perchlorate plume. Will be adding the electrical components next.
  6. Two new monitor wells will be constructed – one on Ellenbrook and the other on Newton - to serve as sentinel wells for AC-24 and Malaga water supply wells.
  7. New monitor well for Layer E/F in southeast Zone 2.
  8. Working on completing electrical panel for well on Emperor Drive. Proposing to move the panel location farther into the park to address a

resident's concern over the location. Before the Sacramento County Park's for approval on 15 July 2014.

- O **Chettenham Well**
- P 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
- Q 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.
- R Western Groundwater Operable Unit. Aerojet submitted an Outer Barrier Performance Evaluation Report to assess plume capture.
- S Perimeter Operable Unit – Aerojet is completing improvements to capture system discussed above. They have commenced construction of an SVE system in Area 4900. Pilot test in August to determine radius of influence. Then design full-scale system while pilot system continues to operate.
- T Boundary OU – EPA has drafted working copy of the Record of Decision. DTSC and Regional Board have supplied comments.
- U Island OU – Agencies have supplied comments on draft remedial investigation report and Aerojet has prepared responses. Aerojet is preparing the draft risk assessment.
- V **Area 39 Open Space** – Final RI has been sent out for Agency review.
- W 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.
- X Eastern Operable Unit. Preparing Remedial Investigation report.
- Y Central Operable Unit.
- Z NPDES Permit. Revision to be considered at October meeting of the Regional Board.

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** – No changes

# Aerojet CAG - July 2014

