

Aerojet Rocketdyne Activities – March 2013
(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** – Plant being modified to allow increased capacity. Construction is on-going and the facility is expected to be fully operational at a capacity of around 3500 gpm in Spring 2014. New facility will reduce the power used by the UV system.
- I **GET E/F** Plant modifications underway. Installing IX units for perchlorate removal – allowing plant expansion.
- J **GET D** is closed and treatment for GET D wells is now at ARGET.
- 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 on Ancil Hoffman Park near extraction well to help define groundwater capture; eastern end of Landis Avenue to define plume capture; Cemo Circle to confirm extent of capture zones; potentially on Queenston Court to define NDMA plume; and, depending on results from Queenston Court well a well near Lincoln Avenue.
 2. Evaluating a need for 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.
 4. Completed new monitor wells near Woodcliff and Peter J Shields Elementary for plume capture definition, at the eastern end of Landis Avenue to define plume capture; and at Cemo Circle to confirm extent of capture zones; potentially on Queenston Court to define NDMA plume.
 5. 3 Extraction wells are proposed for Gold River – Layer E for TCE control.
- P **Chettenham Well**
- Q Sacramento County Water Supply Replacement Issues.
- 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 working on revisions to Preliminary Design Reports for groundwater (Zones 1, 2 and 3) remedy in response to Agency comments.

- 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. The Agencies are reviewing the adequacy of those responses.
- 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.

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