

OU5 (Perimeter)

Response to Comments - Follow-up

5/18/2011

RTC #35 and 42b - review process for contingency plan for alternative water supplies as part of the remedy, i.e. "more detail will occur in subsequent phases of design and implementation."
RTC #42a - understand extent of commitment and inputs required to achieve EPA's commitment "... interaction of remedy with surrounding basin will be examined."
RTC #44d "EPAexpects funding for public cost of collaboration/participation to be addressed during design phase of program."
RTC #45a - review process for development of a Groundwater Management Plan - "...will be developed during subsequent stages of designs and implementation."
RTC #49 – the CAG requests the timeframe for input and submission for the 5 year review.
RTC #84 - understand what more the EPA is committed to do on TICs* than is currently being done - "...an approach to ID TICs will be incorporated in future monitoring plans." *TICs – tentatively identified compounds
RTC #86 - understand and how to provide input to "EPA will attempt to provide updateable info through web pages ... as feasible."
RTC #114 - when will document be issued and how to provide input "...monitoring requirements to be in Remedial Design/Remedial Action Statement of Work to be issued following the Record Of Decision (ROD)."

ROD Task Update

	Completed	Remaining	Notes
Soils Actions			
Removal of soils and sediments exceeding cleanup values for PCBs and some metals in 10D and 11D ditches	X		
Removal of soils with perchlorate exceeding cleanup goals in upper 10-feet at C41		X	Has WP waiting for order
Removal of soils exceeding cleanup levels for metals at C4		X	
Removal of VOCs exceeding cleanup values at Sites 32D, 34D, 35D and 38D using SVE.		X	Vapor Mitigation may be required if SVE does not result in sufficiently low enough residual concentrations of VOCs.
Establishment of vapor mitigation for future buildings at Site 7D, Former Company Store and 33D		X	VOC issue due to off-gas from groundwater. Source of VOCs are upgradient and vapor mitigation is needed until concentrations in groundwater decrease to acceptable levels
Establishment of covenants and deed restrictions as appropriate.		X	Deed Restrict
Groundwater Actions			
Zone 1: Complete containment of concentrations exceeding specified value.	X	X	Planned extraction and monitor wells completed at downgradient edge of plume. 2 on property wells not operating until other facility modifications completed and recharge wells converted to extraction wells. Discontinued operation of some off property wells due to evaluation which concluded TCE concentrations in Layer C and D generally decreasing and not moving. Still evaluating flows needed for containment. Need for additional on property extraction wells to be evaluated. Relocation of GET D at ARGET still to be completed, along with adding treatment for perchlorate at ARGET, and conversion of recharge wells to extraction wells. may need deed restrictions in future
Zone 2: Add extraction system in Southeast Zone 2 to cutoff plume from Aerojet that is on the IRCTS property		X	No actions yet taken on this effort. Planned - two to three extraction wells with flow going to GET E/F and expansion of that treatment system.
Zone 3: Complete containment of concentrations exceeding specified values.	X	X	6 of the planned extraction wells completed to control leading edge of the plume; operation began in November 2010. Installing additional monitor wells to determine effectiveness of new extraction wells. Additional leading edge extraction wells may be needed. Expansion to the GET B treatment plant and needed extraction rate to control plume still needs to be completed. Additional on property layer E and F extraction wells may be necessary.
Zone 4: Complete containment of concentrations exceeding specified values.	X	X	All 7 planned extraction wells in northeast portion of Zone 4 have been installed; 6 are operating as inadequate water was present in the 7th location to run the extraction well. GET A treatment plant relocated at GET B. Pipeline constructed to convey water to the new facility. Began fullscale operation in November 2010. Remaining issue is the small off-site plume in the vicinity of the Folsom Outlets/Lake Natoma.

Deed Restrict

ONLY MCL / TVE PLUMES / 5/17/05 / 198

may need deed restrictions in future