December 2010 Update

Defense Depot Ogden Utah (DDOU) Superfund Site

Ogden, Utah

(Five-Year Review Date: 7/12/2007)

Highlights since the 2007 Five-Year Review

- **Record of Decision (ROD) Amendment for OU1 signed August 10, 2010**
- **Non-Operational Test (NOT) completes eight quarters of testing Sept 1, 2007**
- **OU4 Hotspot extraction trench to continue operation as of December 2007**

Issues & Recommendations Update

Issues	Recommendations/ Follow-up Actions	Follow-Up Actions (Status/Due Date)	Status of Follow-Up Actions Dec. 2010	Respon-sible Party
Workers exposed to contaminated water in extraction piping	Continue vigilant observation of construction activities in area of extraction piping by pump-and-treat system operator to warn construction workers of potential hazard.	Ongoing This is a continuing operational requirement	ONGOING and is required as long as pump and treatment system exists.	Army
Workers exposed to vapors within Buildings 15C and 16C	Ensure by regular inspection that proper signs are posted on inside and outside walls of Buildings 15C and 16C, that no disturbance of the soil beneath the foundations of the Buildings is permitted without written approval and that the concrete slab floors remain intact and impervious to vapors.	Ongoing This is a continuing operational requirement	ONGOING and is required as long as pump and treatment system exists.	Army

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OU1 P&T system not achieving RAO and not necessary to contain plume	Begin annual focused monitoring in June 2008. Recommendation is ROD Amendment for monitored natural attenuation.	8/10/2010	Complete. ROD Amendment signed.	Army
OU4 P&T system not achieving RAO in cost-effective, timely manner	Install and monitor pilot-scale study(ies) recommended by OU4 Remedial Action Alternatives Investigation/Feasibility Study to determine if full-scale installation of alternative is warranted to replace or supplement pump-and-treat system	08/20/2011	COMPLETE as of July 2, 2010. Final study report did not support implementation of any alternatives. Army will continue to evaluate options.	Army
Continued operations of OU4 Hotspot extraction trench to prevent offsite migration of plume	Determine if additional remedial measures are warranted at former OU4 Hotspot disposal/burn pit to reduce time that extraction trench must operate to meet remedial action objectives.	8/20/2010	COMPLETE as of July 2, 2010. Final study report did not support implementation of any alternatives. Army will continue to evaluate options.	Army
Potential damage to OU1 and OU4 monitoring and system wells	Have pump-and-treat systems operator continue frequent inspection of well installations and ensure that protective structures are well marked and maintained.	Ongoing This is a continuing operational requirement	ONGOING and is required as long as pump and treatment system exists.	Army
Bacterial fouling of injection wells and piping at OU4 (and OU1 when in operation) and OU4 Hotspot extraction trench	Conduct tests of descaling chemical agents to replace sodium hexametaphosphate and mitigate bacterial growth in injection wells and wellfield piping to reduce wellfield maintenance and downtime. A test was conducted in June 2007 to determine the effectiveness of redevelopment of injection wells to increase flow capacity; results of this test are pending.	January 2008	COMPLETE Tests were successful and alternate descaling agent is in use.	Army